

# Open Data Portal (ODP) API 1.0.0 OAS 3.0

<https://data.uspto.gov/swagger/swagger.yaml>

The Open Data Portal (ODP) API allows you to extract USPTO data at no cost - with several ways to do it. To learn about the ODP API Rate Limits, please visit to the [API Rate Limits page](#).

**Before proceeding**, you must have an ODP API key in order to access these Swagger UI resources. Once you have obtained an API key, you can pass the API key into a REST API call in the x-api-key header of the request. For more details and steps to generate an API key visit to the [Getting Started page](#).

For example, the request to access patent data for an application might look like as below.

```
curl -X "GET" "https://api.uspto.gov/api/v1/patent/applications/14412875" -H "X-API-KEY:YOUR_API_KEY"
```

```
curl -X "POST" "https://api.uspto.gov/api/v1/patent/applications/search" -H "X-API-KEY:YOUR_API_KEY" -d "{\"q\":\"applicationMetaData.applicationTypeLabelName:Utility\"}"
```

[USPTO - Website](#)  
[Send email to USPTO](#)

Servers

<https://api.uspto.gov>[Authorize](#)

## Patent Search

Search patent data by supplying query parameter or json request. Get data of a specific application or a section of an application



**POST** /api/v1/patent/applications/search Search patent applications by supplying json payload



### Parameters

[Try it out](#)

No parameters

Request body

application/json



Patent data search request json payload. Fields in the request is optional

[Example Value](#) | [Schema](#)

```
PatentSearchRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▼ [string
                    example: Patented Case]
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string
        ]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    facets
        ▼ [
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]
            string
        ]
}
```

## Responses

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p>	<i>No links</i>

Code	Description	Links
<b>PatentDataResponse</b> ▼ { description: This json structure represents all data fields possible for a patent application. Not all fields mentioned here will be returned in API response, only fields that have data should present in the response. count <b>integer</b> example: 1 patentFileWrapperDataBag ▼ [ ▼ { applicationNumberText <b>string</b> example: 14104993 Free format of application number applicationMetaData <b>ApplicationMetaData</b> ▼ { description: nationalStageIndicator <b>boolean</b> Indicates whether this application is a national application which entered the national stage from an international PCT application entityStatusData ▼ { description: Represents patent application meta data properties smallEntityStatusIndicator <b>boolean</b> Indicates whether the applicant qualifies for small entity status businessEntityStatusCategory <b>string</b> example: Undiscounted Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee } publicationDateBag ▼ [ <b>string</b> (\$yyyy-MM-dd) example: 2014-06-19 publicationSequenceNumberBag ▼ [ <b>string</b> example: 167116 publicationCategoryBag ▼ [ <b>string</b> example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ] docketNumber <b>string</b> example: 12GR10425US01/859063.688 firstInventorToFileIndicator <b>string</b> example: Y firstApplicantName <b>string</b> example: STMicroelectronics S.A. firstInventorName <b>string</b> example: Pascal Chevalier applicationConfirmationNumber <b>number</b> example: 1061 applicationStatusDate <b>string</b> (\$yyyy-MM-dd) example: 2016-05-18 applicationStatusDescriptionText <b>string</b> example: Patented Case filingDate <b>string</b> (\$yyyy-MM-dd) example: 2012-12-19 effectiveFilingDate The date assigned by the Patent Office that identifies when an application meets certain criteria to qualify as having been filed. Refers to ST.9 INID Code 22. example: 2013-12-12 grantDate <b>string</b> (\$yyyy-MM-dd) example: 2016-06-07 groupArtUnitNumber <b>string</b> example: TTAB applicationTypeCode <b>string</b> example: UTL applicationTypeLabelName <b>string</b> Code corresponding to Utility, Plant, Design, or Reissue		

Code	Description	Links
------	-------------	-------

```

applicationTypeCategory          example: utility
string
example: electronics
inventionTitle                  string
example: HETEROJUNCTION BIPOLAR TRANSISTOR
patentNumber                    string
example: 9362380
applicationStatusCode            integer
example: 150
earliestPublicationNumber       string
example: US 2014-0167116 A1
Publication number corresponding to the earliest publication
earliestPublicationDate         string($yyyy-MM-dd)
example: 2014-06-19
pctPublicationNumber           string
example: WO 2009/064413
The unique identifier assigned to the publication of an international patent
application in the PCT Gazette by the International Bureau (IB) of the World
Intellectual Property Organization (WIPO).
pctPublicationDate             string($yyyy-MM-dd)
example: 2016-12-16
internationalRegistrationDate   string($yyyy-MM-dd)
example: 2016-12-16
internationalRegistrationNumber string
example: DM/091304
The date that the IPR is published by the International Bureau
internationalRegistrationNumber string
example: DM/091304
The number assigned by the International Bureau to an international registration
upon registering an industrial design, a trademark or other type of IPR in the
International Register
examinerNameText               string
example: HUI TSAI JEY
Name of patent examiner
class                          string
example: 257
The first hierarchical level in the USPC classification schedule
subclass                        string
example: 197000
The second highest hierarchical level in the USP C classification schedule
uspcSymbolText                 string
example: 257/197000
The first hierarchical level in the USPC classification schedule/ The second
highest hierarchical level in the USP C classification schedule
customerNumber                 integer
example: 38106
Correspondence address of the application inherited from the customer.
cpcClassificationBag           ▼ [
example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249",
"H01L29/737", "H01L29/66242" ]
Collection of Classifications for CPC
string]
applicantBag                   ▼ [
  ▼ [
    applicantNameText           string
example: John Smith
    firstName                   string
example: John
    middleName                 string
example: P
    lastName                   string
example: Smith
    preferredName              string
example: John Smith
    namePrefix                 string
example: Mr.
    nameSuffix                 string
example: Jr.
    countryCode                string
example: US
    correspondenceAddressBag    ▼ [
      ▶ [ > {...}]
    ]
  ]
  ▼ [
    ▼ [
      firstName                 string
    ]
  ]
]
inventorBag                     ▼ [
  ▼ [
    ▼ [
      firstName                 string
    ]
  ]
]
```

```
        middleName          example: John
        string
        example: K
        string
        example: Smith
        string
        example: Mr.
        string
        example: Sr.
        string
        example: John Smith
        string
        example: US
        string
        example: Pascal Chevalier
        correspondenceAddressBag  ▼ [ > {...} ]
    ]
}

correspondenceAddressBag
    ▼ [
        Collection of correspondences
        ▼ {
            nameLineOneText      string
            example: Seed IP Law Group LLP/ST (EP ORIGINATING)
            nameLineTwoText      string
            example: Attn- IP Docket
            addressLineOneText   string
            example: 701 FIFTH AVENUE, SUITE 5400
            addressLineTwoText   string
            example: Suite 501
            geographicRegionName string
            example: WASHINGTON
            geographicRegionCode  string
            example: WA
            postalCode           string
            example: 98104-7092
            cityName             string
            example: SEATTLE
            countryCode          string
            example: US
            countryName          string
            example: USA
            postalAddressCategory string
            example: commercial
        }
    ]
assignmentBag
    ▼ [Assignment ▼ {
        description:          The collection of national assignments related to a patent
        reelNumber            string
        example: 60620
        1-6 digit number identifies the reel number to be used to locate the assignment on
        microfilm.
        frameNumber           string
        example: 769
        1-4 digit number that identifies the frame number to be used to locate the first
        image(page) of the assignment on microfilm.
        reelAndFrameNumber   string
        example: 60620/769
        pageTotalQuantity     integer
        example: 16
        imageAvailableStatusCode boolean
        example: false
        assignmentDocumentLocationURI string
        example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf
        assignmentReceivedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentRecordedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentMailedDate   string($yyyy-MM-dd)
        example: 2022-07-28
        conveyanceText         The date an assignment request was mailed to the office or received by the office
        string
    }
]
```

*example: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).*  
A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions **include:** assignment, security agreement, merger, change of name, license, foreclosure, lien,

assignorBag

assigneeBag

correspondenceAddress

domesticRepresentative

recordAttorney

RecordAttorney **▼ {**

**description:** An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.

**customerNumberCorrespondenceData** **▼ {**

**description:** Correspondence address of the application inherited from the customer.

**patronIdentifier** **number**  
*example: 38106*

**organizationStandardName** **string**  
*example: null*

**powerOfAttorneyAddressBag** **▼ [ ▼ {**

**nameLineOneText** > [...]

**addressLineOneText** > [...]

**addressLineTwoText** > [...]

**geographicRegionName** < ... >

```
    geographicRegionCode > [...]
    postalCode > [...]
    cityName > [...]
    countryCode > [...]
    countryName > [...]
}
telecommunicationAddressBag }
  telecommunicationNumber > [...]
  extensionNumber > [...]
  telecomTypeCode > [...]
}
}
powerOfAttorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  preferredName string
  countryCode string
  registrationNumber string
  example: US
  activeIndicator string
  example: 65545
  registeredPractitionerCategory string
  example: ACTIVE
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
attorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  registrationNumber string
  example: 65545
  activeIndicator string
  example: ACTIVE
  registeredPractitionerCategory string
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
foreignPriorityBag }
  ForeignPriority > {
    ipOfficeName string
    example: FRANCE
    filingDate string($yyyy-MM-dd)
    example: 2012-12-19
    applicationNumberText string
    example: 1262321
  }
}
```

```

        }]
parentContinuityBag
    < [ParentContinuityData < {
        firstInventorToFileIndicator
            boolean
            example: true
            Indicates first inventor to file.
        parentApplicationStatusCode
            integer
            example: 159
            string
            example: 8968299
        parentPatentNumber
            string
            example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362
        parentApplicationStatusDescriptionText string
            example: $string($yyyy-MM-dd)
            example: 2012-05-23
        parentApplicationFilingDate
            string
            example: 123123133
        parentApplicationNumberText
            string
            example: 10121016
        childApplicationNumberText
            string
            example: CODE
        claimParentageTypeCode
            string
            example: Claims priority from a provisional application
        claimParentageTypeCodeDescriptionText string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
childContinuityBag
    < [ChildContinuityData < {
        childApplicationStatusCode
            number
            example: 150
            string
            example: 14104993
        parentApplicationNumberText
            string
            example: 14853719
        childApplicationNumberText
            string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
patentTermAdjustmentData
    < PatentTermAdjustment < {
        description:
        aDelayQuantity
            Patent term adjustment data
            integer
            example: 0
            A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.
        adjustmentTotalQuantity
            integer
            example: 0
            Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.
        applicantDayDelayQuantity
            integer
            example: 28
            Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three
        bDelayQuantity
            integer
            example: 0
            B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.
        cDelayQuantity
            integer
            example: 0
            C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews
    }
}

```

```

nonOverlappingDayQuantity      reviews.
                                number($float)
                                example: 0
                                Patent term adjustment non overlapping days quantity number of overall summation of
                                the USPTO delays minus any overlapping days.

overlappingDayQuantity        number($float)
                                example: 0
                                Patent term adjustment overlapping days quantity number that reflects the calculation
                                of overlapping delays consistent with the federal circuit's interpretation.

patentTermAdjustmentHistoryDataBag   ▼ [ ▼ {
    eventDate                  string($yyyy-MM-dd)
                                example: 2016-06-07
                                The date that the symbol was assigned to the patent
                                document
    applicantDayDelayQuantity  integer
                                example: 4
    eventDescriptionText       string
                                example: Patent Issue Date Used in PTA Calculation
    eventSequenceNumber        number($float)
                                example: 0.5
    ipOfficeDayDelayQuantity  integer
                                example: 0
                                Number of days the UPSTO personnel adjusting the
                                calculation to increase or decrease the patent term
                                adjustment based upon a request for reconsideration
                                of the patent term adjustment.
    originatingEventSequenceNumber number($float)
                                example: 0
    ptaPTECode                 string
                                example: PTA
}
}

eventDataBag                   }

[EventData ▼ {
    description:               string
                                example: ELC_RVW
    eventCode:                 string
                                example: Electronic Review
    eventDescriptionText:      string
                                example: Electronic Review
    eventDate:                 string($yyyy-MM-dd)
                                example: 2018-10-18
                                The date the patent case action was recorded.
}
]

pgpubDocumentMetaData          PGPubFileMetaData ▼ {
    description:               string
                                example: ipa240801.zip
    zipFileName:               string
                                example: APPXML
    productIdentifier:        string
                                example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip
    fileLocationURI:          string
    fileCreateDateTime:        string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipa240801.xml
}

grantDocumentMetaData          GrantFileMetaData ▼ {
    description:               string
                                example: ipg240102.zip
    zipFileName:               string
                                example: PTGRXML
    productIdentifier:        string
                                example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/iph160405.zip
    fileLocationURI:          string
    fileCreateDateTime:        string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipg160405.xml
}

lastIngestionDateTime          string($yyyy-MM-ddTHH:mm:ss)
                                example: OrderedMap {}
```

```
    facets
      ↘ [ ↘ {
        applicationStatusCode ↘ [ ↘ {
          value
          count
        }]
      }]
    }
```

400

## Bad Request

No links

Media type

application/json



Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

## Forbidden

No links

Media type

application/json



Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 403  
  error  
    ▼ {  
    }  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

application/json



Example Value | Schema

Code	Description	Links
	<pre>    &lt;code&gt;       &lt;code&gt;         &lt;example&gt; 404       &lt;/code&gt;     &lt;/code&gt;   &lt;/error&gt;   &lt;errorDetails&gt;     &lt;example&gt; Not Found   &lt;/errorDetails&gt;   &lt;requestIdentifier&gt;     &lt;example&gt; No matching records found, refine your search criteria and try again   &lt;/requestIdentifier&gt; &lt;/&gt;</pre>	
413	<p>Payload Too Large</p> <p>Media type</p> <p><b>application/json</b></p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>Status413 &lt;code&gt;   &lt;integer&gt;   &lt;example&gt; 413   &lt;/code&gt; &lt;/code&gt; &lt;message&gt;   &lt;string&gt;   &lt;example&gt; Payload Too Large   &lt;/string&gt; &lt;/message&gt; &lt;detailedMessage&gt;   &lt;string&gt;   &lt;example&gt; Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size   &lt;/string&gt; &lt;/detailedMessage&gt; &lt;requestIdentifier&gt;   &lt;string&gt;   &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98   &lt;/requestIdentifier&gt; &lt;/&gt;</pre>	<a href="#">No links</a>
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b></p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>&lt;code&gt;   &lt;code&gt;     &lt;example&gt; 500   &lt;/code&gt; &lt;/code&gt; &lt;error&gt;   &lt;example&gt; Internal Server Error &lt;/error&gt; &lt;errorDetails&gt;   &lt;example&gt; Internal Server Error. Please contact Help Desk. &lt;/errorDetails&gt; &lt;requestIdentifier&gt;   &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98 &lt;/requestIdentifier&gt; &lt;/&gt;</pre>	<a href="#">No links</a>

GET

/api/v1/patent/applications/search Patent application search by supplying query parameters



Query parameters are optional. When no query parameters supplied, top 25 applications are returned

## Parameters

[Try it out](#)

Name	Description
------	-------------

q	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").
---	--

**Examples:**

No conditions

### Example Description

Empty, No conditions

sort	Field to be sorted followed by sort order
------	---

**Examples:**

No Sort

### Example Description

No sort option go by default sort

offset	Position in the dataset of a particular record
--------	--

*Example : 0*

limit	Limit the number of results returned
-------	--------------------------------------

*Example : 25*

facets	List of fields names to be faceted upon separated by comma (,)
--------	--

**Examples:**

No Facets

Name	Description
	facets
	<p><b>Example Description</b></p> <p>No faceting option</p>
fields string (query)	Limits the response by specifying which fields from dataset should be included. <p><b>Examples:</b></p> <div><p>All Available Data Set Fields</p></div>
	fields
	<p><b>Example Description</b></p> <p>Returns all available data set fields</p>
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value. <p><b>Examples:</b></p> <div><p>No Filter</p></div>
	filters
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters string (query)	Filter the data by supplying range of values. Applicable for number and date type fields. <p><b>Examples:</b></p> <div><p>No Range Filter</p></div>
	rangeFilters
	<p><b>Example Description</b></p> <p>No range filter</p>
<p><b>Responses</b></p>	

Code	Description	Links
200	OK	<i>No links</i>

Media type

**application/json** ▾

Controls Accept header.

Example Value | **Schema**

Code	Description	Links
<b>PatentDataResponse</b> ↴ { description: This json structure represents all data fields possible for a patent application. Not all fields mentioned here will be returned in API response, only fields that have data should present in the response. count integer example: 1 patentFileWrapperDataBag ↴ [ ↴ { applicationNumberText string example: 14104993 Free format of application number applicationMetaData <b>ApplicationMetaData</b> ↴ { description: nationalStageIndicator boolean Indicates whether this application is a national application which entered the national stage from an international PCT application entityStatusData ↴ { description: smallEntityStatusIndicator boolean Indicates the applicant's entity status businessEntityStatusCategory string example: Undiscounted Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee } publicationDateBag ↴ [ string(\$yyyy-MM-dd) example: 2014-06-19] publicationSequenceNumberBag ↴ [ string example: 167116] publicationCategoryBag ↴ [ string example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ]] docketNumber string example: 12GR10425US01/859063.688 firstInventorToFileIndicator string example: Y firstApplicantName string example: STMicroelectronics S.A. firstInventorName string example: Pascal Chevalier applicationConfirmationNumber number example: 1061 applicationStatusDate string(\$yyyy-MM-dd) example: 2016-05-18 applicationStatusDescriptionText string example: Patented Case filingDate string(\$yyyy-MM-dd) example: 2012-12-19 effectiveFilingDate string(\$yyyy-MM-dd) example: 2013-12-12 grantDate string(\$yyyy-MM-dd) example: 2016-06-07 groupArtUnitNumber string example: TTAB GAU Code applicationTypeCode string example: UTL applicationTypeLabelName string example: Utility             }           }         }		

Code	Description	Links
	<p>applicationTypeCategory  <b>string</b>  <i>example: electronics</i></p> <p>inventionTitle  <b>string</b>  <i>example: HETEROJUNCTION BIPOLAR TRANSISTOR</i></p> <p>patentNumber  <b>string</b>  <i>example: 9362380</i></p> <p>applicationStatusCode  <b>integer</b>  <i>example: 150</i></p> <p>earliestPublicationNumber  <b>string</b>  <i>example: US 2014-0167116 A1</i>    Publication number corresponding to the earliest publication</p> <p>earliestPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2014-06-19</i></p> <p>pctPublicationNumber  <b>string</b>  <i>example: WO 2009/064413</i>    The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO).</p> <p>pctPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2016-12-16</i></p> <p>internationalRegistrationPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2016-12-16</i>    The date that the IPR is published by the International Bureau</p> <p>internationalRegistrationNumber  <b>string</b>  <i>example: DM/091304</i>    The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register</p> <p>examinerNameText  <b>string</b>  <i>example: HUI TSAI JEY</i>    Name of patent examiner</p> <p>class  <b>string</b>  <i>example: 257</i>    The first hierarchical level in the USPC classification schedule</p> <p>subclass  <b>string</b>  <i>example: 197000</i>    The second highest hierarchical level in the USP C classification schedule</p> <p>uspcSymbolText  <b>string</b>  <i>example: 257/197000</i>    The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule</p> <p>customerNumber  <b>integer</b>  <i>example: 38106</i>    Correspondence address of the application inherited from the customer.</p> <p>cpcClassificationBag  <b>▼ [</b>  <i>example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ]</i>  <b>Collection of Classifications for CPC</b>  <b>string]</b></p> <p>applicantBag  <b>▼ [ ▼ {</b>    applicantNameText  <b>string</b>  <i>example: John Smith</i>    firstName  <b>string</b>  <i>example: John</i>    middleName  <b>string</b>  <i>example: P</i>    lastName  <b>string</b>  <i>example: Smith</i>    preferredName  <b>string</b>  <i>example: John Smith</i>    namePrefix  <b>string</b>  <i>example: Mr.</i>    nameSuffix  <b>string</b>  <i>example: Jr.</i>    countryCode  <b>string</b>  <i>example: US</i>    correspondenceAddressBag  <b>▼ [ ▶ {...}]</b>  <b>]</b></p> <p>inventorBag  <b>▼ [ ▼ {</b>    firstName  <b>string</b></p>	

```
        middleName          example: John
        string
        example: K
        string
        example: Smith
        string
        example: Mr.
        string
        example: Sr.
        string
        example: John Smith
        string
        example: US
        string
        example: Pascal Chevalier
        correspondenceAddressBag  ▾ [ > {...} ]
    ]
}

correspondenceAddressBag
    ▾ [
        Collection of correspondences
        ▾ {
            nameLineOneText      string
            example: Seed IP Law Group LLP/ST (EP ORIGINATING)
            nameLineTwoText      string
            example: Attn- IP Docket
            addressLineOneText   string
            example: 701 FIFTH AVENUE, SUITE 5400
            addressLineTwoText   string
            example: Suite 501
            geographicRegionName string
            example: WASHINGTON
            geographicRegionCode  string
            example: WA
            postalCode           string
            example: 98104-7092
            cityName             string
            example: SEATTLE
            countryCode          string
            example: US
            countryName          string
            example: USA
            postalAddressCategory string
            example: commercial
        }
    ]
assignmentBag
    ▾ [Assignment ▾ {
        description:          The collection of national assignments related to a patent
        reelNumber            string
        example: 60620
        1-6 digit number identifies the reel number to be used to locate the assignment on
        microfilm.
        frameNumber           string
        example: 769
        1-4 digit number that identifies the frame number to be used to locate the first
        image(page) of the assignment on microfilm.
        reelAndFrameNumber   string
        example: 60620/769
        pageTotalQuantity     integer
        example: 16
        imageAvailableStatusCode boolean
        example: false
        assignmentDocumentLocationURI string
        example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf
        assignmentReceivedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentRecordedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentMailedDate  string($yyyy-MM-dd)
        example: 2022-07-28
        conveyanceText         The date an assignment request was mailed to the office or received by the office
        string
    }
]
```

*example: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).*  
A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions | include: | assignment, security agreement, merger, change of name, license, foreclosure, lien,

assignorBag

assigneeBag

correspondenceAddress

domesticRepresentative

recordAttorney

RecordAttorney

description:

An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.

customerNumberCorrespondenceData

description:

Correspondence address of the application inherited from the customer.

patronIdentifier

example: 38106

organizationStandardName

string

example: null

powerOfAttorneyAddressBag

nameLineOneText

> [...]

addressLineOneText

> [...]

addressLineTwoText

> [...]

geographicRegionName

> [...]

```
    geographicRegionCode > [...]
    postalCode > [...]
    cityName > [...]
    countryCode > [...]
    countryName > [...]
}
telecommunicationAddressBag }
  telecommunicationNumber > [...]
  extensionNumber > [...]
  telecomTypeCode > [...]
}
}
powerOfAttorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  preferredName string
  countryCode string
  registrationNumber string
  example: US
  activeIndicator string
  example: 65545
  registeredPractitionerCategory string
  example: ACTIVE
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
attorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  registrationNumber string
  example: 65545
  activeIndicator string
  example: ACTIVE
  registeredPractitionerCategory string
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
foreignPriorityBag }
  ForeignPriority > {
    ipOfficeName string
    example: FRANCE
    filingDate string($yyyy-MM-dd)
    example: 2012-12-19
    applicationNumberText string
    example: 1262321
  }
}
```

```

        }]
parentContinuityBag
    < [ParentContinuityData < {
        firstInventorToFileIndicator
            boolean
            example: true
            Indicates first inventor to file.
        parentApplicationStatusCode
            integer
            example: 159
            string
            example: 8968299
        parentPatentNumber
            string
            example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362
        parentApplicationStatusDescriptionText string
            example: $string($yyyy-MM-dd)
            example: 2012-05-23
        parentApplicationFilingDate
            string
            example: 123123133
        parentApplicationNumberText
            string
            example: 10121016
        childApplicationNumberText
            string
            example: CODE
        claimParentageTypeCode
            string
            example: Claims priority from a provisional application
        claimParentageTypeCodeDescriptionText string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
childContinuityBag
    < [ChildContinuityData < {
        childApplicationStatusCode
            number
            example: 150
            string
            example: 14104993
        parentApplicationNumberText
            string
            example: 14853719
        childApplicationNumberText
            string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
patentTermAdjustmentData
    < PatentTermAdjustment < {
        description:
        aDelayQuantity
            integer
            example: 0
            A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.
        adjustmentTotalQuantity
            integer
            example: 0
            Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.
        applicantDayDelayQuantity
            integer
            example: 28
            Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three
        bDelayQuantity
            integer
            example: 0
            B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.
        cDelayQuantity
            integer
            example: 0
            C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews
    }

```

```

nonOverlappingDayQuantity      reviews.
                                number($float)
                                example: 0
                                Patent term adjustment non overlapping days quantity number of overall summation of
                                the USPTO delays minus any overlapping days.

overlappingDayQuantity        number($float)
                                example: 0
                                Patent term adjustment overlapping days quantity number that reflects the calculation
                                of overlapping delays consistent with the federal circuit's interpretation.

patentTermAdjustmentHistoryDataBag   ▼ [ ▼ {
    eventDate                  string($yyyy-MM-dd)
                                example: 2016-06-07
                                The date that the symbol was assigned to the patent
                                document
    applicantDayDelayQuantity  integer
                                example: 4
    eventDescriptionText       string
                                example: Patent Issue Date Used in PTA Calculation
    eventSequenceNumber        number($float)
                                example: 0.5
    ipOfficeDayDelayQuantity  integer
                                example: 0
                                Number of days the UPSTO personnel adjusting the
                                calculation to increase or decrease the patent term
                                adjustment based upon a request for reconsideration
                                of the patent term adjustment.
    originatingEventSequenceNumber number($float)
                                example: 0
    ptaPTECode                 string
                                example: PTA
}
}

eventDataBag                   }

[EventData ▼ {
    description:               string
                                example: ELC_RVW
    eventCode:                 string
                                example: Electronic Review
    eventDescriptionText:      string
                                example: Electronic Review
    eventDate:                 string($yyyy-MM-dd)
                                example: 2018-10-18
                                The date the patent case action was recorded.
}
]

pgpubDocumentMetaData          PGPubFileMetaData ▼ {
    description:               string
                                example: ipa240801.zip
    zipFileName:               string
                                example: APPXML
    productIdentifier:         string
                                example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip
    fileLocationURI:           string
    fileCreateDateTime:         string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipa240801.xml
}

grantDocumentMetaData          GrantFileMetaData ▼ {
    description:               string
                                example: ipg240102.zip
    zipFileName:               string
                                example: PTGRXML
    productIdentifier:         string
                                example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/iph160405.zip
    fileLocationURI:           string
    fileCreateDateTime:         string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipg160405.xml
}

lastIngestionDateTime          string($yyyy-MM-ddTHH:mm:ss)
                                example: OrderedMap {}

```

```
    facets
      ↴
      ↴ [ ↴ {
        applicationStatusCode ↴ [ ↴ {
          value
          count
        }]
      }]
    }
```

400

Bad Request

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

Forbidden

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 403  
  error  
    ▼ {  
    }  
    example: Forbidden  
}
```

404

Not Found

No links

Media type

**application/json**

Example Value | Schema

Code	Description	Links
	<pre>✓ {   code     ✓ {     }     example: 404    error     ✓ {     }     example: Not Found    errorDetails     ✓ {     }     example: No matching records found, refine your search criteria and try again    requestIdentifier     ✓ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
413	<p>Payload Too Large</p> <p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>Status413 ✓ {   code     integer     example: 413    message     string     example: Payload Too Large    detailedMessage     string     example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size    requestIdentifier     string     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	<a href="#">No links</a>
500	<p>Internal Server Error</p> <p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>✓ {   code     ✓ {     }     example: 500    error     ✓ {     }     example: Internal Server Error    errorDetails     ✓ {     }     example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ✓ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	<a href="#">No links</a>

POST

/api/v1/patent/applications/search/download Download patent data by supplying json payload



## Parameters

[Try it out](#)

No parameters

## Request body

application/json



Patent data search request json payload. Fields in the request is optional

[Example Value](#) | [Schema](#)

```
PatentDownloadRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▼ [string
                    example: Patented Case]
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    format
        string
        example: json
        Download format. csv or json

        Enum:
        ▼ [ json, csv ]
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
<b>PatentDataResponse</b> ▼ { description: This json structure represents all data fields possible for a patent application. Not all fields mentioned here will be returned in API response, only fields that have data should present in the response. count <b>integer</b> example: 1 patentFileWrapperDataBag ▼ [ ▼ { applicationNumberText <b>string</b> example: 14104993 Free format of application number applicationMetaData <b>ApplicationMetaData</b> ▼ { description: nationalStageIndicator <b>boolean</b> Indicates whether this application is a national application which entered the national stage from an international PCT application entityStatusData ▼ { description: Represents patent application meta data properties smallEntityStatusIndicator <b>boolean</b> Indicates whether the applicant qualifies for small entity status businessEntityStatusCategory <b>string</b> example: Undiscounted Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee } publicationDateBag ▼ [ <b>string</b> (\$yyyy-MM-dd) example: 2014-06-19 publicationSequenceNumberBag ▼ [ <b>string</b> example: 167116 publicationCategoryBag ▼ [ <b>string</b> example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ] docketNumber <b>string</b> example: 12GR10425US01/859063.688 firstInventorToFileIndicator <b>string</b> example: Y firstApplicantName <b>string</b> example: STMicroelectronics S.A. firstInventorName <b>string</b> example: Pascal Chevalier applicationConfirmationNumber <b>number</b> example: 1061 applicationStatusDate <b>string</b> (\$yyyy-MM-dd) example: 2016-05-18 applicationStatusDescriptionText <b>string</b> example: Patented Case filingDate <b>string</b> (\$yyyy-MM-dd) example: 2012-12-19 effectiveFilingDate The date assigned by the Patent Office that identifies when an application meets certain criteria to qualify as having been filed. Refers to ST.9 INID Code 22. example: 2013-12-12 grantDate <b>string</b> (\$yyyy-MM-dd) example: 2016-06-07 groupArtUnitNumber <b>string</b> example: TTAB applicationTypeCode <b>string</b> example: UTL applicationTypeLabelName <b>string</b> Code corresponding to Utility, Plant, Design, or Reissue		

Code	Description	Links
	<p>applicationTypeCategory</p> <p>inventionTitle</p> <p>patentNumber</p> <p>applicationStatusCode</p> <p>earliestPublicationNumber</p> <p>earliestPublicationDate</p> <p>pctPublicationNumber</p> <p>pctPublicationDate</p> <p>internationalRegistrationPublicationDate</p> <p>internationalRegistrationNumber</p> <p>examinerNameText</p> <p>class</p> <p>subclass</p> <p>uspcSymbolText</p> <p>customerNumber</p> <p>cpcClassificationBag</p> <p>applicantBag</p> <p>inventorBag</p>	<p><code>example: utility</code>  <code>string</code>  <code>example: electronics</code>  <code>string</code>  <code>example: HETEROJUNCTION BIPOLAR TRANSISTOR</code>  <code>string</code>  <code>example: 9362380</code>  <code>integer</code>  <code>example: 150</code>  <code>string</code>  <code>example: US 2014-0167116 A1</code>  <code>Publication number corresponding to the earliest publication</code>  <code>string(\$yyyy-MM-dd)</code>  <code>example: 2014-06-19</code>  <code>string</code>  <code>example: WO 2009/064413</code>  <code>The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO).</code>  <code>string(\$yyyy-MM-dd)</code>  <code>example: 2016-12-16</code>  <code>string(\$yyyy-MM-dd)</code>  <code>example: 2016-12-16</code>  <code>The date that the IPR is published by the International Bureau</code>  <code>string</code>  <code>example: DM/091304</code>  <code>The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register</code>  <code>string</code>  <code>example: HUI TSAI JEY</code>  <code>Name of patent examiner</code>  <code>string</code>  <code>example: 257</code>  <code>The first hierarchical level in the USPC classification schedule</code>  <code>string</code>  <code>example: 197000</code>  <code>The second highest hierarchical level in the USP C classification schedule</code>  <code>string</code>  <code>example: 257/197000</code>  <code>The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule</code>  <code>integer</code>  <code>example: 38106</code>  <code>Correspondence address of the application inherited from the customer.</code>  <p>▼ [</p> <p><code>example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ]</code></p> <p><code>Collection of Classifications for CPC</code></p> <p><code>string]</code></p> <p>▼ [ ▼ {</p> <p>applicantNameText</p> <p>firstName</p> <p>middleName</p> <p>lastName</p> <p>preferredName</p> <p>namePrefix</p> <p>nameSuffix</p> <p>countryCode</p> <p>correspondenceAddressBag</p> <p>}]</p> <p>▼ [ ▼ {</p> <p>firstName</p> </p>

```
        middleName          example: John
        string
        example: K
        string
        example: Smith
        string
        example: Mr.
        string
        example: Sr.
        string
        example: John Smith
        string
        example: US
        string
        example: Pascal Chevalier
        correspondenceAddressBag  ▾ [ > {...} ]
    ]
}

correspondenceAddressBag
    ▾ [
        Collection of correspondences
        ▾ {
            nameLineOneText      string
            example: Seed IP Law Group LLP/ST (EP ORIGINATING)
            nameLineTwoText      string
            example: Attn- IP Docket
            addressLineOneText   string
            example: 701 FIFTH AVENUE, SUITE 5400
            addressLineTwoText   string
            example: Suite 501
            geographicRegionName string
            example: WASHINGTON
            geographicRegionCode  string
            example: WA
            postalCode           string
            example: 98104-7092
            cityName             string
            example: SEATTLE
            countryCode          string
            example: US
            countryName          string
            example: USA
            postalAddressCategory string
            example: commercial
        }
    ]
assignmentBag
    ▾ [Assignment ▾ {
        description:          The collection of national assignments related to a patent
        reelNumber            string
        example: 60620
        1-6 digit number identifies the reel number to be used to locate the assignment on
        microfilm.
        frameNumber           string
        example: 769
        1-4 digit number that identifies the frame number to be used to locate the first
        image(page) of the assignment on microfilm.
        reelAndFrameNumber   string
        example: 60620/769
        pageTotalQuantity     integer
        example: 16
        imageAvailableStatusCode boolean
        example: false
        assignmentDocumentLocationURI string
        example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf
        assignmentReceivedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentRecordedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentMailedDate  string($yyyy-MM-dd)
        example: 2022-07-28
        conveyanceText         The date an assignment request was mailed to the office or received by the office
        string
    }
]
```

*example: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).*  
A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions **include:** assignment, security agreement, merger, change of name, license, foreclosure, lien,

assignorBag

assigneeBag

correspondenceAddress

domesticRepresentative

recordAttorney

RecordAttorney **▼ {**

**description:** An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.

**customerNumberCorrespondenceData** **▼ {**

**description:** Correspondence address of the application inherited from the customer.

**patronIdentifier** **number**  
*example: 38106*

**organizationStandardName** **string**  
*example: null*

**powerOfAttorneyAddressBag** **▼ [ ▼ {**

**nameLineOneText** > [...]

**addressLineOneText** > [...]

**addressLineTwoText** > [...]

**geographicRegionName** < ... >

```
    geographicRegionCode > [...]
    postalCode > [...]
    cityName > [...]
    countryCode > [...]
    countryName > [...]
}
telecommunicationAddressBag }
  telecommunicationNumber > [...]
  extensionNumber > [...]
  telecomTypeCode > [...]
}
}
powerOfAttorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  preferredName string
  countryCode string
  registrationNumber string
  example: US
  activeIndicator string
  example: 65545
  registeredPractitionerCategory string
  example: ACTIVE
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
attorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  registrationNumber string
  example: 65545
  activeIndicator string
  example: ACTIVE
  registeredPractitionerCategory string
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
foreignPriorityBag }
  ForeignPriority > {
    ipOfficeName string
    example: FRANCE
    filingDate string($yyyy-MM-dd)
    example: 2012-12-19
    applicationNumberText string
    example: 1262321
  }
}
```

```

        }]
parentContinuityBag
    < [ParentContinuityData < {
        firstInventorToFileIndicator
            boolean
            example: true
            Indicates first inventor to file.
        parentApplicationStatusCode
            integer
            example: 159
            string
            example: 8968299
        parentPatentNumber
            string
            example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362
        parentApplicationStatusDescriptionText string
            example: $string($yyyy-MM-dd)
            example: 2012-05-23
        parentApplicationFilingDate
            string
            example: 123123133
        parentApplicationNumberText
            string
            example: 10121016
        childApplicationNumberText
            string
            example: CODE
        claimParentageTypeCode
            string
            example: Claims priority from a provisional application
        claimParentageTypeCodeDescriptionText string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
childContinuityBag
    < [ChildContinuityData < {
        childApplicationStatusCode
            number
            example: 150
            string
            example: 14104993
        parentApplicationNumberText
            string
            example: 14853719
        childApplicationNumberText
            string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
patentTermAdjustmentData
    < PatentTermAdjustment < {
        description:
        aDelayQuantity
            Patent term adjustment data
            integer
            example: 0
            A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.
        adjustmentTotalQuantity
            integer
            example: 0
            Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.
        applicantDayDelayQuantity
            integer
            example: 28
            Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three
        bDelayQuantity
            integer
            example: 0
            B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.
        cDelayQuantity
            integer
            example: 0
            C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews
    }

```

```

nonOverlappingDayQuantity      reviews.
                                number($float)
                                example: 0
                                Patent term adjustment non overlapping days quantity number of overall summation of
                                the USPTO delays minus any overlapping days.

overlappingDayQuantity        number($float)
                                example: 0
                                Patent term adjustment overlapping days quantity number that reflects the calculation
                                of overlapping delays consistent with the federal circuit's interpretation.

patentTermAdjustmentHistoryDataBag   ▼ [ ▼ {
    eventDate                  string($yyyy-MM-dd)
                                example: 2016-06-07
                                The date that the symbol was assigned to the patent
                                document
    applicantDayDelayQuantity  integer
                                example: 4
    eventDescriptionText       string
                                example: Patent Issue Date Used in PTA Calculation
    eventSequenceNumber        number($float)
                                example: 0.5
    ipOfficeDayDelayQuantity  integer
                                example: 0
                                Number of days the UPSTO personnel adjusting the
                                calculation to increase or decrease the patent term
                                adjustment based upon a request for reconsideration
                                of the patent term adjustment.
    originatingEventSequenceNumber number($float)
                                example: 0
    ptaPTECode                 string
                                example: PTA
}
}

eventDataBag                   }

[EventData ▼ {
    description:               string
                                example: ELC_RVW
    eventCode:                 string
                                example: Electronic Review
    eventDescriptionText:      string
                                example: Electronic Review
    eventDate:                 string($yyyy-MM-dd)
                                example: 2018-10-18
                                The date the patent case action was recorded.
}
]

pgpubDocumentMetaData          PGPubFileMetaData ▼ {
    description:               string
                                example: ipa240801.zip
    zipFileName:               string
                                example: APPXML
    productIdentifier:        string
                                example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip
    fileLocationURI:          string
    fileCreateDateTime:        string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipa240801.xml
}

grantDocumentMetaData          GrantFileMetaData ▼ {
    description:               string
                                example: ipg240102.zip
    zipFileName:               string
                                example: PTGRXML
    productIdentifier:        string
                                example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/iph160405.zip
    fileLocationURI:          string
    fileCreateDateTime:        string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipg160405.xml
}

lastIngestionDateTime          string($yyyy-MM-ddTHH:mm:ss)
                                example: OrderedMap {}
```

```
    facets
      ↘ [ ↘ {
        applicationStatusCode ↘ [ ↘ {
          value
          count
        }]
      }]
    }
```

400

## Bad Request

No links

Media type

**application/json**[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

## Forbidden

No links

Media type

**application/json**[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 403  
  error  
    ▼ {  
    }  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre>✓ {   code     ✓ {     }   example: 404    error     ✓ {     }   example: Not Found    errorDetails     ✓ {     }   example: No matching records found, refine your search criteria and try again    requestIdentifier     ✓ {     }   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	<p>Internal Server Error</p> <p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p> <pre>✓ {   code     ✓ {     }   example: 500    error     ✓ {     }   example: Internal Server Error    errorDetails     ✓ {     }   example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ✓ {     }   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre> <p>No links</p>	

**GET** /api/v1/patent/applications/search/download Patent application search by supplying query parameters

Query parameters are optional. When no query parameters supplied, top 25 applications are returned

## Parameters

## Try it out

Name	Description
q string	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").

Name	Description
(query)	<p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="No conditions"/> </div> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <input type="text" value="q"/> </div> <p><b>Example Description</b></p> <p>Empty, No conditions</p>
sort	field to be sorted followed by sort order
string (query)	<p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="No Sort"/> </div> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <input type="text" value="sort"/> </div> <p><b>Example Description</b></p> <p>No sort option go by default sort</p>
offset integer (query)	<p>Page number to begin with</p> <p><i>Example : 0</i></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="text" value="0"/> </div>
limit integer (query)	<p>Limit the number of results returned</p> <p><i>Example : 25</i></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="text" value="25"/> </div>
fields string (query)	<p>Limits the response by specifying fields from dataset should be included.</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="All Fields"/> </div> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <input type="text" value="fields"/> </div> <p><b>Example Description</b></p> <p>Returns all available data set fields</p>
filters string (query)	<p>Filter data by supplying filter parameter. Provide field name and its value</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="No Filter"/> </div>

Name	Description
	<p>filters</p>
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters string (query)	<p>Filter the data by supplying range of values. Applicable for number and date type fields.</p> <p><b>Examples:</b></p> <p>No Range Filter</p> <p>rangeFilters</p>

Responses		
Code	Description	Links
200	<p>OK</p> <p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value   Schema</p>	No links

Code	Description	Links
<b>PatentDataResponse</b> ↴ { description: This json structure represents all data fields possible for a patent application. Not all fields mentioned here will be returned in API response, only fields that have data should present in the response. count integer example: 1 patentFileWrapperDataBag ↴ [ ↴ { applicationNumberText string example: 14104993 Free format of application number applicationMetaData <b>ApplicationMetaData</b> ↴ { description: nationalStageIndicator boolean Indicates whether this application is a national application which entered the national stage from an international PCT application entityStatusData ↴ { description: smallEntityStatusIndicator boolean Indicates the applicant's entity status businessEntityStatusCategory string example: Undiscounted Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee } publicationDateBag ↴ [ string(\$yyyy-MM-dd) example: 2014-06-19] publicationSequenceNumberBag ↴ [ string example: 167116] publicationCategoryBag ↴ [ string example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ]] docketNumber string example: 12GR10425US01/859063.688 firstInventorToFileIndicator string example: Y firstApplicantName string example: STMicroelectronics S.A. firstInventorName string example: Pascal Chevalier applicationConfirmationNumber number example: 1061 applicationStatusDate string(\$yyyy-MM-dd) example: 2016-05-18 applicationStatusDescriptionText string example: Patented Case filingDate string(\$yyyy-MM-dd) example: 2012-12-19 effectiveFilingDate string(\$yyyy-MM-dd) example: 2013-12-12 grantDate string(\$yyyy-MM-dd) example: 2016-06-07 groupArtUnitNumber string example: TTAB GAU Code applicationTypeCode string example: UTL applicationTypeLabelName string example: Utility             }           }         }		

Code	Description	Links
	<p>applicationTypeCategory  <b>string</b>  <i>example: electronics</i></p> <p>inventionTitle  <b>string</b>  <i>example: HETEROJUNCTION BIPOLAR TRANSISTOR</i></p> <p>patentNumber  <b>string</b>  <i>example: 9362380</i></p> <p>applicationStatusCode  <b>integer</b>  <i>example: 150</i></p> <p>earliestPublicationNumber  <b>string</b>  <i>example: US 2014-0167116 A1</i>    Publication number corresponding to the earliest publication</p> <p>earliestPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2014-06-19</i></p> <p>pctPublicationNumber  <b>string</b>  <i>example: WO 2009/064413</i>    The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO).</p> <p>pctPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2016-12-16</i></p> <p>internationalRegistrationPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2016-12-16</i>    The date that the IPR is published by the International Bureau</p> <p>internationalRegistrationNumber  <b>string</b>  <i>example: DM/091304</i>    The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register</p> <p>examinerNameText  <b>string</b>  <i>example: HUI TSAI JEY</i>    Name of patent examiner</p> <p>class  <b>string</b>  <i>example: 257</i>    The first hierarchical level in the USPC classification schedule</p> <p>subclass  <b>string</b>  <i>example: 197000</i>    The second highest hierarchical level in the USP C classification schedule</p> <p>uspcSymbolText  <b>string</b>  <i>example: 257/197000</i>    The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule</p> <p>customerNumber  <b>integer</b>  <i>example: 38106</i>    Correspondence address of the application inherited from the customer.</p> <p>cpcClassificationBag  <b>▼ [</b>  <i>example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ]</i>  <b>Collection of Classifications for CPC</b>  <b>string]</b></p> <p>applicantBag  <b>▼ [ ▼ {</b>    applicantNameText  <b>string</b>  <i>example: John Smith</i>    firstName  <b>string</b>  <i>example: John</i>    middleName  <b>string</b>  <i>example: P</i>    lastName  <b>string</b>  <i>example: Smith</i>    preferredName  <b>string</b>  <i>example: John Smith</i>    namePrefix  <b>string</b>  <i>example: Mr.</i>    nameSuffix  <b>string</b>  <i>example: Jr.</i>    countryCode  <b>string</b>  <i>example: US</i>    correspondenceAddressBag  <b>▼ [ ▶ {...}]</b>  <b>]</b></p> <p>inventorBag  <b>▼ [ ▼ {</b>    firstName  <b>string</b></p>	

```
        middleName          example: John
        string
        example: K
        string
        example: Smith
        string
        example: Mr.
        string
        example: Sr.
        string
        example: John Smith
        string
        example: US
        string
        example: Pascal Chevalier
        correspondenceAddressBag  ▾ [ > {...} ]
    ]
}

correspondenceAddressBag
    ▾ [
        Collection of correspondences
        ▾ {
            nameLineOneText      string
            example: Seed IP Law Group LLP/ST (EP ORIGINATING)
            nameLineTwoText      string
            example: Attn- IP Docket
            addressLineOneText   string
            example: 701 FIFTH AVENUE, SUITE 5400
            addressLineTwoText   string
            example: Suite 501
            geographicRegionName string
            example: WASHINGTON
            geographicRegionCode  string
            example: WA
            postalCode           string
            example: 98104-7092
            cityName             string
            example: SEATTLE
            countryCode          string
            example: US
            countryName          string
            example: USA
            postalAddressCategory string
            example: commercial
        }
    ]
assignmentBag
    ▾ [Assignment ▾ {
        description:          The collection of national assignments related to a patent
        reelNumber            string
        example: 60620
        1-6 digit number identifies the reel number to be used to locate the assignment on
        microfilm.
        frameNumber           string
        example: 769
        1-4 digit number that identifies the frame number to be used to locate the first
        image(page) of the assignment on microfilm.
        reelAndFrameNumber   string
        example: 60620/769
        pageTotalQuantity     integer
        example: 16
        imageAvailableStatusCode boolean
        example: false
        assignmentDocumentLocationURI string
        example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf
        assignmentReceivedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentRecordedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentMailedDate   string($yyyy-MM-dd)
        example: 2022-07-28
        conveyanceText         The date an assignment request was mailed to the office or received by the office
        string
    }
]
```

*example: ASSIGNMENT OF ASSIGNS INTEREST (SEE DOCUMENT FOR DETAILS).*  
A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions | include: | assignment, security agreement, merger, change of name, license, foreclosure, lien,

assignorBag

assigneeBag

correspondenceAddress

domesticRepresentative

recordAttorney

RecordAttorney

description:

An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.

customerNumberCorrespondenceData

description:

Correspondence address of the application inherited from the customer.

patronIdentifier

example: 38106

organizationStandardName

string

example: null

powerOfAttorneyAddressBag

nameLineOneText

addressLineOneText

addressLineTwoText

geographicRegionName

```
    geographicRegionCode      > [...]
    postalCode                > [...]
    cityName                 > [...]
    countryCode               > [...]
    countryName               > [...]
}
telecommunicationAddressBag
  telecommunicationNumber    > [...]
  extensionNumber            > [...]
  telecomTypeCode             > [...]
}
powerOfAttorneyBag
  firstName                  string
  example: DANIEL
  middleName                 string
  example: D
  lastName                   string
  example: O'BRIEN
  namePrefix                 string
  example: Dr
  nameSuffix                 string
  example: Jr.
  preferredName              string
  countryCode                string
  example: US
  registrationNumber          string
  example: 65545
  activeIndicator              string
  example: ACTIVE
  registeredPractitionerCategory string
  example: ATTNY
  attorneyAddressBag          > [...]
  telecommunicationAddressBag > [...]
}
attorneyBag
  firstName                  string
  example: DANIEL
  middleName                 string
  example: D
  lastName                   string
  example: O'BRIEN
  namePrefix                 string
  example: Dr
  nameSuffix                 string
  example: Jr.
  registrationNumber          string
  example: 65545
  activeIndicator              string
  example: ACTIVE
  registeredPractitionerCategory string
  attorneyAddressBag          > [...]
  telecommunicationAddressBag > [...]
}
foreignPriorityBag
  ForeignPriority
    ipOfficeName               string
    example: FRANCE
    filingDate                 string($yyyy-MM-dd)
    example: 2012-12-19
    applicationNumberText       string
    example: 1262321
```

```

        }]
parentContinuityBag
    < [ParentContinuityData < {
        firstInventorToFileIndicator
            boolean
            example: true
            Indicates first inventor to file.
        parentApplicationStatusCode
            integer
            example: 159
            string
            example: 8968299
        parentPatentNumber
            string
            example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362
        parentApplicationStatusDescriptionText string
            example: $string($yyyy-MM-dd)
            example: 2012-05-23
        parentApplicationFilingDate
            string
            example: 123123133
        parentApplicationNumberText
            string
            example: 10121016
        childApplicationNumberText
            string
            example: CODE
        claimParentageTypeCode
            string
            example: Claims priority from a provisional application
        claimParentageTypeCodeDescriptionText string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
childContinuityBag
    < [ChildContinuityData < {
        childApplicationStatusCode
            number
            example: 150
            string
            example: 14104993
        parentApplicationNumberText
            string
            example: 14853719
        childApplicationNumberText
            string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
patentTermAdjustmentData
    < PatentTermAdjustment < {
        description:
        aDelayQuantity
            integer
            example: 0
            A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.
        adjustmentTotalQuantity
            integer
            example: 0
            Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.
        applicantDayDelayQuantity
            integer
            example: 28
            Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three
        bDelayQuantity
            integer
            example: 0
            B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.
        cDelayQuantity
            integer
            example: 0
            C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews
    }

```

```

nonOverlappingDayQuantity      reviews.
                                number($float)
                                example: 0
                                Patent term adjustment non overlapping days quantity number of overall summation of
                                the USPTO delays minus any overlapping days.

overlappingDayQuantity        number($float)
                                example: 0
                                Patent term adjustment overlapping days quantity number that reflects the calculation
                                of overlapping delays consistent with the federal circuit's interpretation.

patentTermAdjustmentHistoryDataBag   ▼ [ ▼ {
    eventDate                  string($yyyy-MM-dd)
                                example: 2016-06-07
                                The date that the symbol was assigned to the patent
                                document
    applicantDayDelayQuantity  integer
                                example: 4
    eventDescriptionText       string
                                example: Patent Issue Date Used in PTA Calculation
    eventSequenceNumber        number($float)
                                example: 0.5
    ipOfficeDayDelayQuantity  integer
                                example: 0
                                Number of days the UPSTO personnel adjusting the
                                calculation to increase or decrease the patent term
                                adjustment based upon a request for reconsideration
                                of the patent term adjustment.
    originatingEventSequenceNumber number($float)
                                example: 0
    ptaPTECode                 string
                                example: PTA
}
}

eventDataBag                   }

[EventData ▼ {
    description:               string
                                example: ELC_RVW
    eventCode:                 string
                                example: Electronic Review
    eventDescriptionText:      string
                                example: Electronic Review
    eventDate:                 string($yyyy-MM-dd)
                                example: 2018-10-18
                                The date the patent case action was recorded.
}
]

pgpubDocumentMetaData          PGPubFileMetaData ▼ {
    description:               string
                                example: ipa240801.zip
    zipFileName:               string
                                example: APPXML
    productIdentifier:         string
                                example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip
    fileLocationURI:           string
    fileCreateDateTime:         string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipa240801.xml
}

grantDocumentMetaData          GrantFileMetaData ▼ {
    description:               string
                                example: ipg240102.zip
    zipFileName:               string
                                example: PTGRXML
    productIdentifier:         string
                                example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/iph160405.zip
    fileLocationURI:           string
    fileCreateDateTime:         string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipg160405.xml
}

lastIngestionDateTime          string($yyyy-MM-ddTHH:mm:ss)
                                example: OrderedMap {}

```

```
    facets
      ↘ [ ↘ {
        applicationStatusCode ↘ [ ↘ {
          value
          count
        }]
      }]
    }
```

400

Bad Request

No links

Media type

**application/json**[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
    }  
  example: 400  
  error  
    ▼ {  
    }  
  example: Bad Request  
  errorDetails  
    ▼ {  
    }  
  example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

Forbidden

No links

Media type

**application/json**[Example Value](#) | [Schema](#)

```
▼ {  
  message  
    ▼ {  
    }  
  example: Forbidden  
}
```

404

Not Found

No links

Media type

**application/json**[Example Value](#) | [Schema](#)

Code	Description	Links				
	<pre>v {   code     v {     }   example: 404    error     v {     }   example: Not Found    errorDetails     v {     }   example: No matching records found, refine your search criteria and try again    requestIdentifier     v {     }   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>					
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b></p> <p>Example Value   <a href="#">Schema</a></p> <pre>v {   code     v {     }   example: 500    error     v {     }   example: Internal Server Error    errorDetails     v {     }   example: Internal Server Error. Please contact Help Desk.    requestIdentifier     v {     }   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links				
<b>GET</b>	<a href="#">/api/v1/patent/applications/{applicationNumberText}</a> Patent application data for a provided application number					
<b>Parameters</b>		<a href="#">Try it out</a>				
<table><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td><b>applicationNumberText</b> * required string (path)</td><td>Patent application number. <b>Note:</b> Application number having special character e.g PCT/BR00/000001 must be encoded with UTF-8 character encoding standard</td></tr></tbody></table>			Name	Description	<b>applicationNumberText</b> * required string (path)	Patent application number. <b>Note:</b> Application number having special character e.g PCT/BR00/000001 must be encoded with UTF-8 character encoding standard
Name	Description					
<b>applicationNumberText</b> * required string (path)	Patent application number. <b>Note:</b> Application number having special character e.g PCT/BR00/000001 must be encoded with UTF-8 character encoding standard					
<p><b>Examples:</b></p> <p>Application Number</p>						

Name	Description
	14412875

#### Example Description

Application Number

### Responses

Code	Description	Links
200	OK	No links

Media type

application/json



Controls Accept header.

[Example Value](#) | [Schema](#)

Code	Description	Links
<b>PatentDataResponse</b> ↴ { description: This json structure represents all data fields possible for a patent application. Not all fields mentioned here will be returned in API response, only fields that have data should present in the response. count integer example: 1 patentFileWrapperDataBag ↴ [ ↴ { applicationNumberText string example: 14104993 Free format of application number applicationMetaData <b>ApplicationMetaData</b> ↴ { description: nationalStageIndicator boolean Indicates whether this application is a national application which entered the national stage from an international PCT application entityStatusData ↴ { description: smallEntityStatusIndicator boolean Indicates the applicant's entity status businessEntityStatusCategory string example: Undiscounted Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee } publicationDateBag ↴ [ string(\$yyyy-MM-dd) example: 2014-06-19] publicationSequenceNumberBag ↴ [ string example: 167116] publicationCategoryBag ↴ [ string example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ]] docketNumber string example: 12GR10425US01/859063.688 firstInventorToFileIndicator string example: Y firstApplicantName string example: STMicroelectronics S.A. firstInventorName string example: Pascal Chevalier applicationConfirmationNumber number example: 1061 applicationStatusDate string(\$yyyy-MM-dd) example: 2016-05-18 applicationStatusDescriptionText string example: Patented Case filingDate string(\$yyyy-MM-dd) example: 2012-12-19 effectiveFilingDate string(\$yyyy-MM-dd) example: 2013-12-12 grantDate string(\$yyyy-MM-dd) example: 2016-06-07 groupArtUnitNumber string example: TTAB GAU Code applicationTypeCode string example: UTL applicationTypeLabelName string example: Utility             }           }         }		

Code	Description	Links
	<p>applicationTypeCategory  <b>string</b>  <i>example: electronics</i></p> <p>inventionTitle  <b>string</b>  <i>example: HETEROJUNCTION BIPOLAR TRANSISTOR</i></p> <p>patentNumber  <b>string</b>  <i>example: 9362380</i></p> <p>applicationStatusCode  <b>integer</b>  <i>example: 150</i></p> <p>earliestPublicationNumber  <b>string</b>  <i>example: US 2014-0167116 A1</i>    Publication number corresponding to the earliest publication</p> <p>earliestPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2014-06-19</i></p> <p>pctPublicationNumber  <b>string</b>  <i>example: WO 2009/064413</i>    The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO).</p> <p>pctPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2016-12-16</i></p> <p>internationalRegistrationPublicationDate  <b>string(\$yyyy-MM-dd)</b>  <i>example: 2016-12-16</i>    The date that the IPR is published by the International Bureau</p> <p>internationalRegistrationNumber  <b>string</b>  <i>example: DM/091304</i>    The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register</p> <p>examinerNameText  <b>string</b>  <i>example: HUI TSAI JEY</i>    Name of patent examiner</p> <p>class  <b>string</b>  <i>example: 257</i>    The first hierarchical level in the USPC classification schedule</p> <p>subclass  <b>string</b>  <i>example: 197000</i>    The second highest hierarchical level in the USP C classification schedule</p> <p>uspcSymbolText  <b>string</b>  <i>example: 257/197000</i>    The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule</p> <p>customerNumber  <b>integer</b>  <i>example: 38106</i>    Correspondence address of the application inherited from the customer.</p> <p>cpcClassificationBag  <b>▼ [</b>  <i>example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ]</i>  <b>Collection of Classifications for CPC</b>  <b>string]</b></p> <p>applicantBag  <b>▼ [ ▼ {</b>    applicantNameText  <b>string</b>  <i>example: John Smith</i>    firstName  <b>string</b>  <i>example: John</i>    middleName  <b>string</b>  <i>example: P</i>    lastName  <b>string</b>  <i>example: Smith</i>    preferredName  <b>string</b>  <i>example: John Smith</i>    namePrefix  <b>string</b>  <i>example: Mr.</i>    nameSuffix  <b>string</b>  <i>example: Jr.</i>    countryCode  <b>string</b>  <i>example: US</i>    correspondenceAddressBag  <b>▼ [ ▶ {...}]</b>  <b>]</b></p> <p>inventorBag  <b>▼ [ ▼ {</b>    firstName  <b>string</b></p>	

```
        middleName          example: John
        string
        example: K
        string
        example: Smith
        string
        example: Mr.
        string
        example: Sr.
        string
        example: John Smith
        string
        example: US
        string
        example: Pascal Chevalier
        correspondenceAddressBag  ▼ [ > {...} ]
    }]
}
correspondenceAddressBag
    ▼ [
        Collection of correspondences
        ▼ {
            nameLineOneText      string
            example: Seed IP Law Group LLP/ST (EP ORIGINATING)
            nameLineTwoText      string
            example: Attn- IP Docket
            addressLineOneText   string
            example: 701 FIFTH AVENUE, SUITE 5400
            addressLineTwoText   string
            example: Suite 501
            geographicRegionName string
            example: WASHINGTON
            geographicRegionCode  string
            example: WA
            postalCode           string
            example: 98104-7092
            cityName             string
            example: SEATTLE
            countryCode          string
            example: US
            countryName          string
            example: USA
            postalAddressCategory string
            example: commercial
        }
    ]
assignmentBag
    ▼ [Assignment ▼ {
        description:          The collection of national assignments related to a patent
        reelNumber            string
        example: 60620
        1-6 digit number identifies the reel number to be used to locate the assignment on
        microfilm.
        frameNumber           string
        example: 769
        1-4 digit number that identifies the frame number to be used to locate the first
        image(page) of the assignment on microfilm.
        reelAndFrameNumber   string
        example: 60620/769
        pageTotalQuantity     integer
        example: 16
        imageAvailableStatusCode boolean
        example: false
        assignmentDocumentLocationURI string
        example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf
        assignmentReceivedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentRecordedDate string($yyyy-MM-dd)
        example: 2022-07-11
        assignmentMailedDate  string($yyyy-MM-dd)
        example: 2022-07-28
        conveyanceText         The date an assignment request was mailed to the office or received by the office
        string
    }
]
```

*example: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).*  
A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions | include: | assignment, security agreement, merger, change of name, license, foreclosure, lien,

assignorBag

assigneeBag

correspondenceAddress

domesticRepresentative

recordAttorney

RecordAttorney

description:

An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.

customerNumberCorrespondenceData

description:

Correspondence address of the application inherited from the customer.

patronIdentifier

example: 38106

organizationStandardName

string

example: null

powerOfAttorneyAddressBag

nameLineOneText

addressLineOneText

addressLineTwoText

geographicRegionName

```
    geographicRegionCode > [...]
    postalCode > [...]
    cityName > [...]
    countryCode > [...]
    countryName > [...]
}
telecommunicationAddressBag }
  telecommunicationNumber > [...]
  extensionNumber > [...]
  telecomTypeCode > [...]
}
}
powerOfAttorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  preferredName string
  countryCode string
  registrationNumber string
  example: US
  activeIndicator string
  example: 65545
  registeredPractitionerCategory string
  example: ACTIVE
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
attorneyBag }
  firstName string
  example: DANIEL
  middleName string
  example: D
  lastName string
  example: O'BRIEN
  namePrefix string
  example: Dr
  nameSuffix string
  example: Jr.
  registrationNumber string
  example: 65545
  activeIndicator string
  example: ACTIVE
  registeredPractitionerCategory string
  attorneyAddressBag > [...]
  telecommunicationAddressBag > [...]
}
foreignPriorityBag }
  ForeignPriority > {
    ipOfficeName string
    example: FRANCE
    filingDate string($yyyy-MM-dd)
    example: 2012-12-19
    applicationNumberText string
    example: 1262321
  }
}
```

```

        }]
parentContinuityBag
    < [ParentContinuityData < {
        firstInventorToFileIndicator
            boolean
            example: true
            Indicates first inventor to file.
        parentApplicationStatusCode
            integer
            example: 159
            string
            example: 8968299
        parentPatentNumber
            string
            example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362
        parentApplicationStatusDescriptionText string
            example: $string($yyyy-MM-dd)
            example: 2012-05-23
        parentApplicationFilingDate
            string
            example: 123123133
        parentApplicationNumberText
            string
            example: 10121016
        childApplicationNumberText
            string
            example: CODE
        claimParentageTypeCode
            string
            example: Claims priority from a provisional application
        claimParentageTypeCodeDescriptionText string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
childContinuityBag
    < [ChildContinuityData < {
        childApplicationStatusCode
            number
            example: 150
            string
            example: 14104993
        parentApplicationNumberText
            string
            example: 14853719
        childApplicationNumberText
            string
            example: Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt
        childApplicationStatusDescriptionText string
            example: Patented Case
        childApplicationFilingDate
            string($yyyy-MM-dd)
            example: 2015-09-14
        firstInventorToFileIndicator
            boolean
            example: false
        childPatentNumber
            string
            example: 9704967
        claimParentageTypeCode
            string
            example: DIV
        claimParentageTypeCodeDescriptionText string
            example: Claims priority from a provisional application
    }]
patentTermAdjustmentData
    < PatentTermAdjustment < {
        description:
        aDelayQuantity
            integer
            example: 0
            A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.
        adjustmentTotalQuantity
            integer
            example: 0
            Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.
        applicantDayDelayQuantity
            integer
            example: 28
            Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three
        bDelayQuantity
            integer
            example: 0
            B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.
        cDelayQuantity
            integer
            example: 0
            C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews
    }

```

```

nonOverlappingDayQuantity      reviews.
                                number($float)
                                example: 0
                                Patent term adjustment non overlapping days quantity number of overall summation of
                                the USPTO delays minus any overlapping days.

overlappingDayQuantity        number($float)
                                example: 0
                                Patent term adjustment overlapping days quantity number that reflects the calculation
                                of overlapping delays consistent with the federal circuit's interpretation.

patentTermAdjustmentHistoryDataBag   ▼ [ ▼ {
    eventDate                  string($yyyy-MM-dd)
                                example: 2016-06-07
                                The date that the symbol was assigned to the patent
                                document
    applicantDayDelayQuantity  integer
                                example: 4
    eventDescriptionText       string
                                example: Patent Issue Date Used in PTA Calculation
    eventSequenceNumber        number($float)
                                example: 0.5
    ipOfficeDayDelayQuantity  integer
                                example: 0
                                Number of days the UPSTO personnel adjusting the
                                calculation to increase or decrease the patent term
                                adjustment based upon a request for reconsideration
                                of the patent term adjustment.
    originatingEventSequenceNumber number($float)
                                example: 0
    ptaPTECode                 string
                                example: PTA
}
}

eventDataBag                   }

[EventData ▼ {
    description:               string
                                example: ELC_RVW
    eventCode:                 string
                                example: Electronic Review
    eventDescriptionText:      string
                                example: Electronic Review
    eventDate:                 string($yyyy-MM-dd)
                                example: 2018-10-18
                                The date the patent case action was recorded.
}
]

pgpubDocumentMetaData          PGPubFileMetaData ▼ {
    description:               string
                                example: ipa240801.zip
    zipFileName:               string
                                example: APPXML
    productIdentifier:         string
                                example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip
    fileLocationURI:           string
    fileCreateDateTime:         string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipa240801.xml
}

grantDocumentMetaData          GrantFileMetaData ▼ {
    description:               string
                                example: ipg240102.zip
    zipFileName:               string
                                example: PTGRXML
    productIdentifier:         string
                                example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/iph160405.zip
    fileLocationURI:           string
    fileCreateDateTime:         string
                                example: 2024-08-09:11:30:00
    xmlFileName:               string
                                example: ipg160405.xml
}

lastIngestionDateTime          string($yyyy-MM-ddTHH:mm:ss)
                                example: OrderedMap {}

```

```
    facets
      ↘ [ ↘ {
        applicationStatusCode ↘ [ ↘ {
          value
          count
        }]
      }]
    }
```

400

Bad Request

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

Forbidden

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 403  
  error  
    ▼ {  
    }  
    example: Forbidden  
}
```

404

Not Found

No links

Media type

**application/json**

Example Value | Schema

Code	Description	Links
	<pre>✓ {   code     ✓ {     }     example: 404    error     ✓ {     }     example: Not Found    errorDetails     ✓ {     }     example: No matching records found, refine your search criteria and try again    requestIdentifier     ✓ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b></p> <p>Example Value   Schema</p> <pre>✓ {   code     ✓ {     }     example: 500    error     ✓ {     }     example: Internal Server Error    errorDetailed     ✓ {     }     example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ✓ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links
<b>GET</b>	<a href="/api/v1/patent/applications/{applicationNumberText}/meta-data">/api/v1/patent/applications/{applicationNumberText}/meta-data</a> Get patent application meta data	
<b>Parameters</b>		<b>Try it out</b>
Name	Description	
<b>applicationNumberText</b> * required	Patent application number Example : 16330077	
string (path)	16330077	

## Responses

Code	Description	Links
200	Application meta data section	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | [Schema](#)

Code	Description	Links
<pre>         &lt; patentFileWrapperDataBag&gt;           &lt; count&gt;             &lt; example&gt; 1           &lt;/ count&gt;         &lt; / patentFileWrapperDataBag&gt;         &lt; applicationNumberText&gt; string           &lt; example&gt; 14104993           &lt; description&gt; Free format of application number         &lt; / applicationNumberText&gt;         &lt; applicationMetaData&gt;           &lt; description&gt;             &lt; nationalStageIndicator&gt; boolean               &lt; example&gt; true               &lt; description&gt; Indicates whether this application is a national application which entered the national stage from an international PCT application             &lt; / nationalStageIndicator&gt;           &lt; entityStatusData&gt;             &lt; description&gt;               &lt; smallEntityStatusIndicator&gt; boolean                 &lt; example&gt; true                 &lt; description&gt; Indicates the applicant's entity status               &lt; / smallEntityStatusIndicator&gt;               &lt; businessEntityStatusCategory&gt; string                 &lt; example&gt; Undiscounted                 &lt; description&gt; Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee               &lt; / businessEntityStatusCategory&gt;             &lt; / description&gt;           &lt; / entityStatusData&gt;         &lt; / applicationMetaData&gt;         &lt; publicationDateBag&gt;           &lt; example&gt; 2014-06-19           &lt; description&gt;             &lt; publicationSequenceNumberBag&gt;               &lt; example&gt; 167116               &lt; description&gt;                 &lt; publicationCategoryBag&gt;                   &lt; example&gt; Granted/Issued, Pre-Grant Publications - PGPub                   &lt; description&gt; List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ]                 &lt; / publicationCategoryBag&gt;               &lt; / publicationSequenceNumberBag&gt;             &lt; / publicationDateBag&gt;           &lt; / description&gt;         &lt; / publicationDateBag&gt;         &lt; docketNumber&gt; string           &lt; example&gt; 12GR10425US01/859063.688         &lt; firstInventorTofileIndicator&gt; string           &lt; example&gt; Y         &lt; firstApplicantName&gt; string           &lt; example&gt; STMicroelectronics S.A.         &lt; firstInventorName&gt; string           &lt; example&gt; Pascal Chevalier         &lt; applicationConfirmationNumber&gt; number           &lt; example&gt; 1061         &lt; applicationStatusDate&gt; string(\$yyyy-MM-dd)           &lt; example&gt; 2016-05-18         &lt; applicationStatusDescriptionText&gt; string           &lt; example&gt; Patented Case         &lt; filingDate&gt; string(\$yyyy-MM-dd)           &lt; example&gt; 2012-12-19         &lt; effectiveFilingDate&gt; string(\$yyyy-MM-dd)           &lt; example&gt; 2013-12-12           &lt; description&gt; The date assigned by the Patent Office that identifies when an application meets certain criteria to qualify as having been filed. Refers to ST.9 INID Code 22.         &lt; grantDate&gt; string(\$yyyy-MM-dd)           &lt; example&gt; 2016-06-07         &lt; groupArtUnitNumber&gt; string           &lt; example&gt; TTAB           &lt; description&gt; GAU Code         &lt; applicationTypeCode&gt; string           &lt; example&gt; UTL           &lt; description&gt; Code corresponding to Utility, Plant, Design, or Reissue         &lt; applicationTypeLabelName&gt; string           &lt; example&gt; Utility       </pre>	<p>Represents patent application meta data properties</p> <p><b>boolean</b> Indicates whether this application is a national application which entered the national stage from an international PCT application</p> <p><b>entityStatusData</b></p> <p><b>smallEntityStatusIndicator</b> Indicates the applicant's entity status</p> <p><b>businessEntityStatusCategory</b> <b>string</b> <i>example: Undiscounted</i> Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee</p> <p><b>publicationDateBag</b></p> <p><b>publicationSequenceNumberBag</b></p> <p><b>publicationCategoryBag</b></p> <p><b>docketNumber</b></p> <p><b>firstInventorTofileIndicator</b></p> <p><b>firstApplicantName</b></p> <p><b>firstInventorName</b></p> <p><b>applicationConfirmationNumber</b></p> <p><b>applicationStatusDate</b></p> <p><b>applicationStatusDescriptionText</b></p> <p><b>filingDate</b></p> <p><b>effectiveFilingDate</b></p> <p>The date assigned by the Patent Office that identifies when an application meets certain criteria to qualify as having been filed. Refers to ST.9 INID Code 22.</p> <p><b>grantDate</b></p> <p><b>groupArtUnitNumber</b></p> <p><b>applicationTypeCode</b></p> <p><b>applicationTypeLabelName</b></p>	

Code	Description	Links
	<p>applicationTypeCategory inventionTitle patentNumber applicationStatusCode earliestPublicationNumber earliestPublicationDate pctPublicationNumber pctPublicationDate internationalRegistrationPublicationDate internationalRegistrationNumber examinerNameText class subclass uspcSymbolText customerNumber cpcClassificationBag applicantBag inventorBag</p> <pre> applicationTypeCategory      string example: electronics inventionTitle              string example: HETEROJUNCTION BIPOLAR TRANSISTOR patentNumber                string example: 9362380 applicationStatusCode        integer example: 150 earliestPublicationNumber    string example: US 2014-0167116 A1 Publication number corresponding to the earliest publication earliestPublicationDate     string(\$yyyy-MM-dd) example: 2014-06-19 pctPublicationNumber        string example: WO 2009/064413 The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO). pctPublicationDate          string(\$yyyy-MM-dd) example: 2016-12-16 internationalRegistrationPublicationDate string(\$yyyy-MM-dd) example: 2016-12-16 internationalRegistrationNumber   string example: DM/091304 The date that the IPR is published by the International Bureau string example: HUI TSAI JEY Name of patent examiner string example: 257 The first hierarchical level in the USPC classification schedule string example: 197000 The second highest hierarchical level in the USP C classification schedule string example: 257/197000 The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule integer example: 38106 Correspondence address of the application inherited from the customer.  cpcClassificationBag         ▼ [  example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ] Collection of Classifications for CPC string]  applicantBag                 ▼ [ ▼ { applicantNameText            string example: John Smith firstName                      string example: John middleName                     string example: P lastName                       string example: Smith preferredName                 string example: John Smith namePrefix                      string example: Mr. nameSuffix                     string example: Jr. countryCode                    string example: US correspondenceAddressBag      ▼ [ ▶ {...} ] }]  inventorBag                   ▼ [ ▼ { firstName                      string } ] </pre>	

```
    middleName          example: John
    string
    example: K
    string
    example: Smith
    string
    example: Mr.
    string
    example: Sr.
    string
    example: John Smith
    string
    example: US
    string
    example: Pascal Chevalier
    correspondenceAddressBag  ▼ [ ▷ {...}]
}
}

requestIdentifier
  ▼ {
}
example: 0ff4c603-a290-4659-8092-f68b408150c4
}
```

400

Bad Request

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

Forbidden

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 403  
  error  
    ▼ {  
    }  
    example: Forbidden  
}
```

404

Not Found

No links

Media type

**application/json**

Example Value | Schema

**Code** **Description** **Links**

```
    <code>
        <code>
            <example> 404
        </code>
        <error>
            <example> Not Found
        </error>
        <errorDetails>
            <example> No matching records found, refine your search criteria and try again
        </errorDetails>
        <requestIdentifier>
            <example> 07c5c24d-bf8e-458c-9427-a038500d6e98
        </requestIdentifier>
    </code>
```

500 Internal Server Error No links

Media type application/json

Example Value | Schema

```
    <code>
        <code>
            <example> 500
        </code>
        <error>
            <example> Internal Server Error
        </error>
        <errorDetails>
            <example> Internal Server Error. Please contact Help Desk.
        </errorDetails>
        <requestIdentifier>
            <example> 07c5c24d-bf8e-458c-9427-a038500d6e98
        </requestIdentifier>
    </code>
```

**GET** </api/v1/patent/applications/{applicationNumberText}/adjustment> Get patent term adjustment data for an application number Try it out

**Parameters**

Name	Description
<b>applicationNumberText</b> * required	Patent application number <input type="text" value="applicationNumberText"/>

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre>         &lt;!         count           integer                     example: 1       patentFileWrapperDataBag &lt; [ &lt; {           applicationNumberText   string                     example: 14104993                     Free format of application number       patentTermAdjustmentData       PatentTermAdjustment &lt; {           description:           aDelayQuantity           adjustmentTotalQuantity           applicantDayDelayQuantity           bDelayQuantity           cDelayQuantity           nonOverlappingDayQuantity           overlappingDayQuantity       patentTermAdjustmentHistoryDataBag &lt; [ &lt; {           eventDate           string(\$yyyy-MM-dd)           example: 2016-06-07           The date that the symbol was assigned to the patent           document           applicantDayDelayQuantity           integer           example: 4           string           example: Patent Issue Date Used in PTA Calculation           eventDescriptionText           eventSequenceNumber           number(\$float)           example: 0.5           ipOfficeDayDelayQuantity           integer           example: 0           Number of days the USPTO personnel adjusting the           calculation to increase or decrease the patent term           adjustment based upon a request for reconsideration           of the patent term adjustment.           originatingEventSequenceNumber           number(\$float)           example: 0           ptaPTECode           string           example: PTA       }]     }   ] } </pre>	<p>Patent term adjustment data</p> <p><b>integer</b> example: 0 A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.</p> <p><b>integer</b> example: 0 Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.</p> <p><b>integer</b> example: 28 Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three</p> <p><b>integer</b> example: 0 B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.</p> <p><b>integer</b> example: 0 C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews.</p> <p><b>number(\$float)</b> example: 0 Patent term adjustment non overlapping days quantity number of overall summation of the USPTO delays minus any overlapping days.</p> <p><b>number(\$float)</b> example: 0 Patent term adjustment overlapping days quantity number that reflects the calculation of overlapping delays consistent with the federal circuit's interpretation.</p> <p><b>string(\$yyyy-MM-dd)</b> example: 2016-06-07 The date that the symbol was assigned to the patent document</p> <p><b>integer</b> example: 4 <b>string</b> example: Patent Issue Date Used in PTA Calculation</p> <p><b>eventDescriptionText</b></p> <p><b>eventSequenceNumber</b> number(\$float) example: 0.5</p> <p><b>ipOfficeDayDelayQuantity</b> integer example: 0 Number of days the USPTO personnel adjusting the calculation to increase or decrease the patent term adjustment based upon a request for reconsideration of the patent term adjustment.</p> <p><b>originatingEventSequenceNumber</b> number(\$float) example: 0</p> <p><b>ptaPTECode</b> <b>string</b> example: PTA</p>	

Code	Description	Links
400	<p>Bad Request</p> <p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p> <div><pre>▼ {   code     ▼ {       example: 400     }   error     ▼ {       example: Bad Request     }   errorDetails     ▼ {     }   requestIdentifier     ▼ {       example: Invalid request, review patent data request filter section and try again     }   } example: 07c5c24d-bf8e-458c-9427-a038500d6e98</pre></div>	No links
403	<p>Forbidden</p> <p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p> <div><pre>▼ {   code     ▼ {       example: 403     }   error     ▼ {       example: Forbidden     }   } example: 07c5c24d-bf8e-458c-9427-a038500d6e98</pre></div>	No links
404	<p>Not Found</p> <p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p>	No links

**Code** **Description** **Links**

```
✓ {  
  code  
    ✓ {  
    }  
  example: 404  
  
  error  
    ✓ {  
    }  
  example: Not Found  
  
  errorDetails  
    ✓ {  
    }  
  example: No matching records found, refine your search criteria and try again  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}  
}
```

500 Internal Server Error No links

Media type application/json

Example Value | Schema

```
✓ {  
  code  
    ✓ {  
    }  
  example: 500  
  
  error  
    ✓ {  
    }  
  example: Internal Server Error  
  
  errorDetails  
    ✓ {  
    }  
  example: Internal Server Error. Please contact Help Desk.  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}  
}
```

**GET** </api/v1/patent/applications/{applicationNumberText}/assignment> Get patent assignment data for an application number Try it out

**Parameters**

Name	Description
<b>applicationNumberText</b> * required	Patent application number
string (path)	applicationNumberText

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre>         &lt;v {           count           integer                       example: 1         patentFileWrapperDataBag &lt; [ &lt;v {           applicationNumberText string                       example: 14104993                       Free format of application number         assignmentBag &lt; {           Assignment &lt; {             description: reelNumber             string             example: 60620             1-6 digit number identifies the reel number to be used to locate the assignment on microfilm.             string             example: 769             1-4 digit number that identifies the frame number to be used to locate the first image(page) of the assignment on microfilm.             string             example: 60620/769             integer             example: 16             boolean             example: false             assignmentDocumentLocationURI string             example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf             assignmentReceivedDate string(\$yyyy-MM-dd)             example: 2022-07-11             assignmentRecordedDate string(\$yyyy-MM-dd)             example: 2022-07-11             assignmentMailedDate string(\$yyyy-MM-dd)             example: 2022-07-28             conveyanceText             string             example: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).             A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions include: assignment, security agreement, merger, change of name, license, foreclosure, lien,           assignorBag &lt; [             &lt;v {               assignorName string               example: STMICROELECTRONICS SA               executionDate string(\$yyyy-MM-dd)               example: 2022-06-30             }           ]           assigneeBag &lt; [             &lt;v {               assigneeNameText string               example: STMICROELECTRONICS SA               assigneeAddress &lt; {                 addressLineOneText &gt; [...]                 addressLineTwoText &gt; [...]                 addressLineThreeText &gt; [...]                 addressLineFourText &gt; [...]                 cityName &gt; [...]                 geographicRegionName &gt; [...]                 geographicRegionCode &gt; [...]                 countryName &gt; [...]                 postalCode &gt; [...]                 countryOrStateCode &gt; [...]                 ictStateCode &gt; [...]               }             }           ]         }       }     </pre>		

Code	Description	Links
	<pre> correspondenceAddress   correspondenceAddress     ictCountryCode       &gt; [...]     }   ] }  domesticRepresentative   [     {       description: US representative for foreign entity       name         string         example: null       addressLineOneText         string         example: null       addressLineTwoText         string         example: null       addressLineThreeText         string         example: null       addressLineFourText         string         example: null       cityName         string         example: null       postalCode         string         example: null       geographicRegionName         string         example: null       countryName         string         example: null       emailAddress         string         example: null       lastIngestionDateTime         string         example: OrderedMap {}     }   ] } </pre>	

400

Bad Request

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403

Forbidden

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code  
    ▼ {  
      }  
    example: 403  
  error  
    ▼ {  
    }  
    example: Forbidden  
}
```

404

Not Found

No links

Media type

**application/json**

Example Value | Schema

**Code** **Description** **Links**

```
✓ {  
  code  
    ✓ {  
    }  
  example: 404  
  
  error  
    ✓ {  
    }  
  example: Not Found  
  
  errorDetails  
    ✓ {  
    }  
  example: No matching records found, refine your search criteria and try again  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

500 Internal Server Error No links

Media type application/json

Example Value | Schema

```
✓ {  
  code  
    ✓ {  
    }  
  example: 500  
  
  error  
    ✓ {  
    }  
  example: Internal Server Error  
  
  errorDetails  
    ✓ {  
    }  
  example: Internal Server Error. Please contact Help Desk.  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

**GET** [/api/v1/patent/applications/{applicationNumberText}/attorney](#) Get attorney/agent data for an application number 🔒 ^

**Parameters** Try it out

Name	Description
<b>applicationNumberText</b> * required	Patent application number
string (path)	applicationNumberText

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre>         &lt;v&gt;           &lt;count&gt;             integer             example: 1           &lt;/count&gt;           &lt;patentFileWrapperDataBag&gt; &lt;v&gt; [ &lt;v&gt;             &lt;applicationNumberText&gt; string             example: 14104993             Free format of application number           &lt;/applicationNumberText&gt;           &lt;recordAttorney&gt; RecordAttorney &lt;v&gt;             &lt;description&gt;               An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.             &lt;/description&gt;             &lt;customerNumberCorrespondenceData&gt; &lt;v&gt;               &lt;description&gt;                 Correspondence address of the application inherited from the customer.               &lt;/description&gt;               &lt;patronIdentifier&gt;                 number                 example: 38106                 string                 example: null               &lt;/patronIdentifier&gt;               &lt;organizationStandardName&gt;                 organizationStandardName                 string                 example: null               &lt;/organizationStandardName&gt;               &lt;powerOfAttorneyAddressBag&gt; &lt;v&gt;                 &lt;nameLineOneText&gt; &gt; [...]                 &lt;addressLineOneText&gt; &gt; [...]                 &lt;addressLineTwoText&gt; &gt; [...]                 &lt;geographicRegionName&gt; &gt; [...]                 &lt;geographicRegionCode&gt; &gt; [...]                 &lt;postalCode&gt; &gt; [...]                 &lt;cityName&gt; &gt; [...]                 &lt;countryCode&gt; &gt; [...]                 &lt;countryName&gt; &gt; [...]               &lt;/powerOfAttorneyAddressBag&gt;             &lt;/customerNumberCorrespondenceData&gt;             &lt;telecommunicationAddressBag&gt; &lt;v&gt;               &lt;telecommunicationNumber&gt; &gt; [...]               &lt;extensionNumber&gt; &gt; [...]               &lt;telecomTypeCode&gt; &gt; [...]             &lt;/telecommunicationAddressBag&gt;           &lt;/RecordAttorney&gt;           &lt;powerOfAttorneyBag&gt; &lt;v&gt;             &lt;firstName&gt;               string               example: DANIEL             &lt;middleName&gt;               string               example: D             &lt;lastName&gt;               string               example: O'BRIEN             &lt;namePrefix&gt;               string               example: Dr             &lt;nameSuffix&gt;               string               example: Jr.             &lt;preferredName&gt;               string             &lt;countryCode&gt;               string               example: US             &lt;registrationNumber&gt;               string               example: 65545             &lt;activeIndicator&gt;               string               example: ACTIVE             &lt;registeredPractitionerCategory&gt;               string               example: ATTNY             &lt;attorneyAddressBag&gt; &lt;v&gt; [ &gt; {...} ]             &lt;telecommunicationAddressBag&gt; &lt;v&gt; [ &gt; {...} ]           &lt;/powerOfAttorneyBag&gt;         &lt;/v&gt;       </pre>	<p>Links</p>	

Code	Description	attorneyBag	Links
		<pre>         }         &lt; [ &lt; {           firstName             string             example: DANIEL           middleName             string             example: D           lastName             string             example: O'BRIEN           namePrefix             string             example: Dr           nameSuffix             string             example: Jr.           registrationNumber             string             example: 65545           activeIndicator             string             example: ACTIVE           registeredPractitionerCategory string           attorneyAddressBag             &lt; [ &gt; {...}]           telecommunicationAddressBag             &lt; [ &gt; {...}]         }       }     }</pre>	

400 Bad Request [No links](#)

Media type

application/json

[Example Value](#) | [Schema](#)

```

< {
  code
    < {
    }
    example: 400
  error
    < {
    }
    example: Bad Request
  errorDetails
    < {
    }
    example: Invalid request, review patent data request filter section and try again
  requestIdentifier
    < {
    }
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98
}
```

403 Forbidden [No links](#)

Media type

application/json

[Example Value](#) | [Schema](#)

Code	Description	Links
404	<p>Not Found</p> <p>Media type</p> <p><b>application/json</b></p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {       }       example: 404     error       ▼ {         }         example: Not Found       errorDetails         ▼ {           }           example: No matching records found, refine your search criteria and try again         requestIdentifier           ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } }</pre>	No links
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b></p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {       }       example: 500     error       ▼ {         }         example: Internal Server Error       errorDetails         ▼ {           }           example: Internal Server Error. Please contact Help Desk.         requestIdentifier           ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } }</pre>	No links

GET /api/v1/patent/applications/{applicationNumberText}/continuity Get continuity data for an application number



## Parameters

[Try it out](#)

Name	Description
------	-------------

<b>applicationNumberText</b> * required	Patent application number
string (path)	applicationNumberText

## Responses

Code	Description	Links
200	OK	No links

Media type

application/json

Controls Accept header.

[Example Value](#) | [Schema](#)

Code	Description	Links
<pre>     &lt;!       count          integer                   example: 1       patentFileWrapperDataBag &lt;!         [ &lt;!           applicationNumberText string           example: 14104993           Free format of application number           parentContinuityBag &lt;!             ParentContinuityData &lt;!               firstInventorToFileIndicator boolean               example: true               Indicates first inventor to file.               parentApplicationStatusCode integer               example: 159               string               example: 8968299               parentApplicationStatusDescriptionText string               example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362               parentApplicationFilingDate string(\$yyyy-MM-dd)               example: 2012-05-23               parentApplicationNumberText string               example: 123123133               childApplicationNumberText string               example: 10121016               claimParentageTypeCode string               example: CODE               claimParentageTypeCodeDescriptionText string               example: Claims priority from a provisional application             ]             childContinuityBag &lt;!               ChildContinuityData &lt;!                 childApplicationStatusCode number                 example: 150                 parentApplicationNumberText string                 example: 14104993                 childApplicationNumberText string                 example: 14853719                 Application number of the child application, which is the unique value assigned by                 the USPTO to a patent application upon receipt                 childApplicationStatusDescriptionText string                 example: Patented Case                 childApplicationFilingDate string(\$yyyy-MM-dd)                 example: 2015-09-14                 firstInventorToFileIndicator boolean                 example: false                 childPatentNumber string                 example: 9704967                 claimParentageTypeCode string                 example: DIV                 claimParentageTypeCodeDescriptionText string                 example: Claims priority from a provisional application               ]               requestIdentifier string               example: 07c5c24d-bf8e-458c-9427-a038500d6e98             ]           }         </pre>		

GET /api/v1/patent/applications/{applicationNumberText}/foreign-priority Get foreign-priority data for an application number



Parameters

Try it out

Name	Description
<b>applicationNumberText</b> * required string (path)	Patent application number <input type="text" value="applicationNumberText"/>

## Responses

Code	Description	Links
200	OK	<i>No links</i>
	<p>Media type</p> <p><b>application/json</b> <input type="button" value="▼"/></p> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <div><pre>✓ {   count          integer                example: 1   patentFileWrapperDataBag ✓ [ ✓ {     applicationNumberText string                      example: 14104993                      Free format of application number     foreignPriorityBag   ✓ [ ForeignPriority ✓ {       ipOfficeName      string                      example: FRANCE       filingDate        string(\$yyyy-MM-dd)                      example: 2012-12-19       applicationNumberText string                      example: 1262321     }]   }] }</pre></div>	
400	Bad Request	<i>No links</i>
	<p>Media type</p> <p><b>application/json</b> <input type="button" value="▼"/></p> <p>Example Value   Schema</p>	

Code	Description	Links
	<pre>     ✓ {       code         ✓ {         }         example: 400        error         ✓ {         }         example: Bad Request        errorDetails         ✓ {         }         example: Invalid request, review patent data request filter section and try again        requestIdentifier         ✓ {         }         example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
403	<p>Forbidden</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ✓ {       code         ✓ {         }         example: 403        error         ✓ {         }         example: Forbidden     }   </pre>	<a href="#">No links</a>
404	<p>Not Found</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ✓ {       code         ✓ {         }         example: 404        error         ✓ {         }         example: Not Found        errorDetails         ✓ {         }         example: No matching records found, refine your search criteria and try again        requestIdentifier         ✓ {         }         example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>

Code	Description	Links
500	Internal Server Error	No links

Media type

**application/json** ▾

Example Value | Schema

```
{
  "code": {
    "example": 500
  },
  "error": {
    "example": "Internal Server Error"
  },
  "errorDetails": {
    "example": "Internal Server Error. Please contact Help Desk."
  },
  "requestIdentifier": {
    "example": "07c5c24d-bf8e-458c-9427-a038500d6e98"
  }
}
```

GET	/api/v1/patent/applications/{applicationNumberText}/transactions	Get transaction data for an application number	🔒 ▲
Parameters		Try it out	
Name	Description		
applicationNumberText * required	Patent application number		
string (path)	applicationNumberText		
Responses			
Code	Description	Links	
200	OK	No links	
Media type			
<b>application/json</b> ▾			
Controls Accept header.			
Example Value   Schema			

Code	Description	Links
------	-------------	-------

```
    <pre>
        <div>
            <div><code>
                <div>{
                    <div>count</div>
                    <div>integer</div>
                    <div>example: 1</div>
                </div>
                <div>patentFileWrapperDataBag</div>
                <div><code>[</code> [<code>{</code>
                    <div>applicationNumberText</div>
                    <div>string</div>
                    <div>example: 14104993</div>
                    <div>Free format of application number</div>
                </div>
                <div>eventDataBag</div>
                <div><code>[</code> [<code>{</code>
                    <div>EventData</div>
                    <div><code>{</code>
                        <div>description</div>
                        <div>string</div>
                        <div>example: ELC_RVW</div>
                    </div>
                    <div>eventCode</div>
                    <div>string</div>
                    <div>example: Electronic Review</div>
                    <div>eventDescriptionText</div>
                    <div>string</div>
                    <div>example: Electronic Review</div>
                    <div>eventDate</div>
                    <div>string($yyyy-MM-dd)</div>
                    <div>example: 2018-10-18</div>
                    <div>The date the patent case action was recorded.</div>
                </div>
            </div>
        </div>
    </pre>
</div>
</div>
</div>
</div>
</div>
```

400

Bad Request

No links

Media type

application/json



Example Value | Schema

```
    <pre>
        <div>
            <div><code>
                <div>{
                    <div>code</div>
                    <div><code>{</code>
                        <div><code>{</code>
                            <div>example: 400</div>
                        </div>
                    </div>
                    <div>error</div>
                    <div><code>{</code>
                        <div><code>{</code>
                            <div>example: Bad Request</div>
                        </div>
                    </div>
                    <div>errorDetails</div>
                    <div><code>{</code>
                        <div><code>{</code>
                            <div>example: Invalid request, review patent data request filter section and try again</div>
                        </div>
                    </div>
                    <div>requestIdentifier</div>
                    <div><code>{</code>
                        <div><code>{</code>
                            <div>example: 07c5c24d-bf8e-458c-9427-a038500d6e98</div>
                        </div>
                    </div>
                </div>
            </div>
        </pre>
</div>
</div>
</div>
</div>
</div>
```

403

Forbidden

No links

Media type

application/json



Example Value | Schema

Code	Description	Links
404	<p>Not Found</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {       }       example: 404     error       ▼ {         }         example: Not Found       errorDetails         ▼ {           }           example: No matching records found, refine your search criteria and try again         requestIdentifier           ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } }</pre>	No links
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {       }       example: 500     error       ▼ {         }         example: Internal Server Error       errorDetails         ▼ {           }           example: Internal Server Error. Please contact Help Desk.         requestIdentifier           ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } }</pre>	No links

GET /api/v1/patent/applications/{applicationNumberText}/documents Documents details for an application number



^

## Parameters

[Try it out](#)

Name	Description
<b>applicationNumberText</b> * required	application number string (path)  16330077
documentCodes	single or multiple comma separated document codes  Examples: No code
	documentCodes
officialDateFrom	Search by document official date from string(\$yyyy-MM-dd) (query)  officialDateFrom
officialDateTo	Search by document official date to string(\$yyyy-MM-dd) (query)  officialDateTo

## Responses

Code	Description	Links
200	OK  Media type application/json  Controls Accept header.	No links

[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre>DocumentBag &lt; {   documentBag     &lt; [ &lt; {       applicationNumberText      string       example: 16123123       officialDate               string       example: 2020-08-31T01:20:29.000-0400       documentIdentifier          string       example: LDXBTPQ7XBLUEX3       documentCode                string       example: WFEE       documentCodeDescriptionText string       example: Fee Worksheet (SB06)       documentDirectionCategory   string       example: INTERNAL       downloadOptionBag         &lt; [ &lt; {           mimeTypeIdentifier     string           example: PDF           downloadUrl             string           example: https://api.uspto.gov/api/v1/patent/application/documents/16123123/LDXBTPQ7XBLUEX3.pdf           pageTotalQuantity       integer           example: 2         }]     } }</pre>	

400 Bad Request [No links](#)

Media type  
 application/json

[Example Value](#) | [Schema](#)

```
< {
  code
    < {
    }
    example: 400
  error
    < {
    }
    example: Bad Request
  errorDetails
    < {
    }
    example: Invalid request, review patent data request filter section and try again
  requestIdentifier
    < {
    }
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98
}
```

403 Forbidden [No links](#)

Media type  
 application/json

[Example Value](#) | [Schema](#)

Code	Description	Links
404	<p>Not Found</p> <p>Media type</p> <p><b>application/json</b></p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {       }       example: 404     error       ▼ {         }         example: Not Found       errorDetails         ▼ {           }           example: No matching records found, refine your search criteria and try again         requestIdentifier           ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } }</pre>	No links
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b></p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {       }       example: 500     error       ▼ {         }         example: Internal Server Error       errorDetails         ▼ {           }           example: Internal Server Error. Please contact Help Desk.         requestIdentifier           ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } }</pre>	No links

GET /api/v1/patent/applications/{applicationNumberText}/associated-documents Associated (pgpub, grant) documents meta-data for an application



^

## Parameters

[Try it out](#)

Name	Description
------	-------------

<b>applicationNumberText</b> * required	application number
string (path)	16330077

## Responses

Code	Description	Links
200	OK	No links

Media type

application/json

Controls Accept header.

[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre>▼ {   count           integer   example: 1   patentFileWrapperDataBag ▼ [ ▼ {     applicationNumberText string     example: 14104993     Free format of application number     pgpubDocumentMetaData ▶ {       PGPubFileMetaData ▶ {         description: Contains pgpub zip and xml file meta data for an application         zipFileName string         example: ipa240801.zip         productIdentifier string         example: APPXML         fileLocationURI string         example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip         fileCreateDateTime string         example: 2024-08-09:11:30:00         xmlFileName string         example: ipa240801.xml       }       grantDocumentMetaData ▶ {         GrantFileMetaData ▶ {           description: Contains patent grant zip and xml file meta data for an application           zipFileName string           example: ipg240102.zip           productIdentifier string           example: PTGRXML           fileLocationURI string           example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/ipg160405.zip           fileCreateDateTime string           example: 2024-08-09:11:30:00           xmlFileName string           example: ipg160405.xml         }         requestIdentifier string         example: 07c5c24d-bf8e-458c-9427-a038500d6e98       }     }   } }</pre>	

400

## Bad Request

## No links

### Media type

## application/json

10. *What is the name of the author?*

## Example Value | Schema

Code	Description	Links
	<pre>    ▼ {         code             ▼ {             }             example: 400         error             ▼ {             }             example: Bad Request         errorDetails             ▼ {             }             example: Invalid request, review patent data request filter section and try again         requestIdentifier             ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98     } }</pre>	
403	Forbidden	No links
	<p>Media type</p> <p>application/json ▾</p> <p>Example Value   Schema</p> <pre>    ▼ {         code             ▼ {             }             example: 403         error             ▼ {             }             example: Forbidden     } }</pre>	
404	Not Found	No links
	<p>Media type</p> <p>application/json ▾</p> <p>Example Value   Schema</p> <pre>    ▼ {         code             ▼ {             }             example: 404         error             ▼ {             }             example: Not Found         errorDetails             ▼ {             }             example: No matching records found, refine your search criteria and try again         requestIdentifier             ▼ {             }             example: 07c5c24d-bf8e-458c-9427-a038500d6e98     } }</pre>	

Code	Description	Links
500	Internal Server Error	No links

Media type

**application/json** ▾

Example Value | Schema

```

    ▾ {
      code
        ▾ {
        }
        example: 500
      error
        ▾ {
        }
        example: Internal Server Error
      errorDetails
        ▾ {
        }
        example: Internal Server Error. Please contact Help Desk.
      requestIdentifier
        ▾ {
        }
        example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

**POST** /api/v1/patent/status-codes Search patent application status codes and status code description

**Parameters**

No parameters

**Request body** **application/json** ▾

Patent status code search request json payload. All fields in the request are optional

Example Value | Schema

```

StatusCodeSearchRequest ▾ {
  q
    string
    example: applicationStatusCode:120
    Search by field value or pass opensearch string query syntax

  pagination
    Pagination ▾ {
      description: Pagination information.

      offset
        integer($int32)
        minimum: 0
        example: 0
        default: 0
        Start

      limit
        integer($int32)
        minimum: 1
        default: 25
        example: 25
        Maximum number of patent records to be returned in response
    }
}

```

## Responses

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json ▾</div> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre> <b>StatusCodeSearchResponse</b> ▾ {   description: This json structure represents data fields for status codes search API   count     integer     example: 1    statusCodeBag     ▾ [ ▾ {       applicationStatusCode         integer         example: 60         Application status code        applicationStatusDescriptionText string         example: Final Rejection Counted, Not Yet Mailed         Application status code description     }]     string     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 } </pre>	<a href="#">No links</a>
400	<p>Bad Request</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json ▾</div>	<a href="#">No links</a>

Code	Description	Links
	<p>Example Value   <a href="#">Schema</a></p> <div><pre>✓ {   code     ✓ {     }   example: 400    error     ✓ {     }   example: Bad Request    errorDetails     ✓ {     }   example: Invalid request, review search request and try again    requestIdentifier     ✓ {     }   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
403	<p>Forbidden</p> <p>Media type</p> <div><p><a href="#">application/json</a> ▾</p></div> <p>Example Value   <a href="#">Schema</a></p> <div><pre>✓ {   code     ✓ {     }   example: 403    error     ✓ {     }   example: Forbidden }</pre></div>	<a href="#">No links</a>
404	<p>Not Found</p> <p>Media type</p> <div><p><a href="#">application/json</a> ▾</p></div> <p>Example Value   <a href="#">Schema</a></p>	<a href="#">No links</a>

**Code** **Description** **Links**

```
✓ {  
  code  
    ✓ {  
    }  
  example: 404  
  
  error  
    ✓ {  
    }  
  example: Not Found  
  
  errorDetails  
    ✓ {  
    }  
  example: No matching records found, refine your search criteria and try again  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

500 Internal Server Error No links

Media type application/json

Example Value | Schema

```
✓ {  
  code  
    ✓ {  
    }  
  example: 500  
  
  error  
    ✓ {  
    }  
  example: Internal Server Error  
  
  errorDetails  
    ✓ {  
    }  
  example: Internal Server Error. Please contact Help Desk.  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

**GET** </api/v1/patent/status-codes> Search patent application status codes and status code description 🔒 ^

Query parameters are optional.

**Parameters** Try it out

Name	Description
q string	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").

Name	Description
(query)	<p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;"> <b>No conditions</b> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input type="text" value="q"/> </div>
	<p><b>Example Description</b></p> <p>Empty, No conditions</p>
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">0</div>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">25</div>

## Responses

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;"> <b>application/json</b> </div> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div style="background-color: #f0f0f0; padding: 10px; margin-top: 10px;"> <pre> <b>StatusCodeSearchResponse</b> ▼ {   description: This json structure represents data fields for status codes search API   count   integer   example: 1   statusCodeBag     ▼ [ ▼ {       applicationStatusCode         integer         example: 60         Application status code       applicationStatusDescriptionText string         example: Final Rejection Counted, Not Yet Mailed         Application status code description     }     requestIdentifier       string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98 } </pre> </div>	<i>No links</i>

Code	Description	Links
400	<p>Bad Request</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code     ▼ {       example: 400     }   error     ▼ {       example: Bad Request     }   errorDetails     ▼ {       example: Invalid request, review patent data request filter section and try again     }   requestIdentifier     ▼ {       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     } }</pre></div>	<a href="#">No links</a>
403	<p>Forbidden</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code     ▼ {       example: 403     }   error     ▼ {       example: Forbidden     } }</pre></div>	<a href="#">No links</a>
404	<p>Not Found</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p>	<a href="#">No links</a>

Code	Description	Links
	<pre>    &lt;code&gt;       &lt;code&gt;         &lt;example&gt; 404       &lt;/code&gt;       &lt;error&gt;         &lt;example&gt; Not Found       &lt;/error&gt;       &lt;errorDetails&gt;         &lt;example&gt; No matching records found, refine your search criteria and try again       &lt;/errorDetails&gt;       &lt;requestIdentifier&gt;         &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98       &lt;/requestIdentifier&gt;     &lt;/code&gt;</pre>	
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>    &lt;code&gt;       &lt;example&gt; 500     &lt;/code&gt;     &lt;error&gt;       &lt;example&gt; Internal Server Error     &lt;/error&gt;     &lt;errorDetails&gt;       &lt;example&gt; Internal Server Error. Please contact Help Desk.     &lt;/errorDetails&gt;     &lt;requestIdentifier&gt;       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/requestIdentifier&gt;   &lt;/code&gt;</pre>	No links

## Bulk DataSets

Bulk Dataset Directory provides a single repository for raw public bulk data. It contains research data from the office of the Chief Economist.

▽

**GET** /api/v1/datasets/products/search Search bulk datasets products by supplying query parameters

Query parameters are optional. When no query parameters supplied, top 25 applications are returned

## Parameters

## Try it out

Name	Description
q string (query)	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No conditions</div> <input type="text" value="q"/>
	<b>Example Description</b> Empty, No conditions
sort string (query)	field to be sorted followed by sort order  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Sort</div> <input type="text" value="sort"/>
	<b>Example Description</b> No sort option go by default sort
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="text" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="text" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,)  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Facets</div> <input type="text" value="facets"/>
	<b>Example Description</b> No faceting option

Name	Description
fields string (query)	<p>Limits the response by specifying fields from dataset should be included.</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="button" value="All Fields"/> </div> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="button" value="fields"/> </div> <p><b>Example Description</b></p> <p>Returns all available data set fields</p>
filters string (query)	<p>Filter data by supplying filter parameter. Provide field name and its value</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="button" value="No Filter"/> </div> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="button" value="filters"/> </div> <p><b>Example Description</b></p> <p>No filter</p>
rangeFilters string (query)	<p>Filter the data by supplying range of values. Applicable for number and date type fields.</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="button" value="No Range Filter"/> </div> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="button" value="rangeFilters"/> </div> <p><b>Example Description</b></p> <p>No range filter</p>

## Responses

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <div style="border: 2px solid green; padding: 2px; width: fit-content;"> <input type="button" value="application/json"/> </div> <p>Controls Accept header.</p>	No links

Code	Description	Links
Example Value	Schema	

Code	Description	Links
<pre> <b>BdssResponseBag</b> ▼ {   count   integer   example: 25    bulkDataProductBag ▼ [ <b>BulkDataProductBag</b> ▼ {     productIdentifier     string     example: PTFWPRE     productDescriptionText     string     example: Bibliographic and assignments static patent data compiled into file sets. The Weekly Datasets (10-year increments) can be downloaded in bulk.     productTitleText     string     example: Patent File Wrapper (Bulk Datasets) - Weekly     productFrequencyText     string     example: WEEKLY     daysOfWeekText     string     example: SUNDAY     productLabelArrayText     ▼ [ string       example: List [ "RESEARCH", "PATENT" ]     ]     productDataSetArrayText     ▼ [ string       example: List [ "Research" ]     ]     productDataSetCategoryArrayText     ▼ [ string       example: List [ "Patent file wrapper" ]     ]     productFromDate     string(\$date)     example: OrderedMap {}     productToDate     string(\$date)     example: OrderedMap {}     productTotalFileSize     number     example: 32511973080     productFileTotalQuantity     number     example: 3     lastModifiedDateTime     string     example: OrderedMap {}     mimeTypeIdentifierArrayText     ▼ [ string       example: List [ "JSON" ]     ]     productFileBag     <b>ProductFileBag</b> ▼ {       count       integer       example: 3       fileDataBag ▼ [ ▼ {         fileName         string         example: 2001-2010-patent-filewrapper-full-json.zip         fileSize         number         example: 1698377311         fileDataFromDate         string(\$date)         example: OrderedMap {}         fileDataToDate         string(\$date)         example: OrderedMap {}         fileTypeText         string         example: Data         fileDownloadURI         string         example:         https://api.uspto.gov/api/v1/datasets/products/files/PTFWPRE/2001-2010-patent-filewrapper-full-json.zip         fileReleaseDate         string(\$date)         example: OrderedMap {}         fileDate         string(\$date)         example: OrderedMap {}         fileLastModifiedDateTime         string(\$date)         example: OrderedMap {}       }]     }   } }  facets <b>Facets</b> ▼ {   productLabelArrayText   ▼ [ ▼ {     ...   }] } </pre>	<p><b>BdssResponseBag</b> ▼ {</p> <ul style="list-style-type: none"><li>count</li><li>integer</li><li>example: 25</li></ul> <p>bulkDataProductBag ▼ [ <b>BulkDataProductBag</b> ▼ {</p> <ul style="list-style-type: none"><li>productIdentifier</li><li>string</li><li>example: PTFWPRE</li><li>productDescriptionText</li><li>string</li><li>example: Bibliographic and assignments static patent data compiled into file sets. The Weekly Datasets (10-year increments) can be downloaded in bulk.</li><li>productTitleText</li><li>string</li><li>example: Patent File Wrapper (Bulk Datasets) - Weekly</li><li>productFrequencyText</li><li>string</li><li>example: WEEKLY</li><li>daysOfWeekText</li><li>string</li><li>example: SUNDAY</li><li>productLabelArrayText</li><li>▼ [ string</li><li>example: List [ "RESEARCH", "PATENT" ]]</li><li>productDataSetArrayText</li><li>▼ [ string</li><li>example: List [ "Research" ]]</li><li>productDataSetCategoryArrayText</li><li>▼ [ string</li><li>example: List [ "Patent file wrapper" ]]</li></ul> <p>productFromDate</p> <p>string(\$date)</p> <p>example: OrderedMap {}</p> <p>productToDate</p> <p>string(\$date)</p> <p>example: OrderedMap {}</p> <p>productTotalFileSize</p> <p>number</p> <p>example: 32511973080</p> <p>productFileTotalQuantity</p> <p>number</p> <p>example: 3</p> <p>lastModifiedDateTime</p> <p>string</p> <p>example: OrderedMap {}</p> <p>mimeTypeIdentifierArrayText</p> <p>▼ [ string</p> <p>example: List [ "JSON" ]]</p> <p>productFileBag</p> <p><b>ProductFileBag</b> ▼ {</p> <ul style="list-style-type: none"><li>count</li><li>integer</li><li>example: 3</li></ul> <p>fileDataBag ▼ [ ▼ {</p> <ul style="list-style-type: none"><li>fileName</li><li>string</li><li>example: 2001-2010-patent-filewrapper-full-json.zip</li><li>fileSize</li><li>number</li><li>example: 1698377311</li><li>fileDataFromDate</li><li>string(\$date)</li><li>example: OrderedMap {}</li><li>fileDataToDate</li><li>string(\$date)</li><li>example: OrderedMap {}</li><li>fileTypeText</li><li>string</li><li>example: Data</li><li>fileDownloadURI</li><li>string</li><li>example:</li><li>https://api.uspto.gov/api/v1/datasets/products/files/PTFWPRE/2001-2010-patent-filewrapper-full-json.zip</li><li>fileReleaseDate</li><li>string(\$date)</li><li>example: OrderedMap {}</li><li>fileDate</li><li>string(\$date)</li><li>example: OrderedMap {}</li><li>fileLastModifiedDateTime</li><li>string(\$date)</li><li>example: OrderedMap {}</li></ul> <p>}</p> <p>}</p> <p>facets</p> <p><b>Facets</b> ▼ {</p> <ul style="list-style-type: none"><li>productLabelArrayText</li><li>▼ [ ▼ {</li></ul>	Links

Code	Description	value count	string example: PATENT integer example: 1	Links
	productDataSetArrayText	}] ▼ [ ▼ { value count		
	productCategoryArrayText	}] ▼ [ ▼ { value count	string example: Research integer example: 1	
	mimeTypeIdentifierArrayText	}] ▼ [ ▼ { value count	string example: Patent applications integer example: 1	
	productFrequencyArrayText	}] ▼ [ ▼ { value count	string example: XML integer example: 1	
		}] ▼ [ ▼ { value count	string example: DAILY integer example: 1	
		}		
	}			

400 Bad Request No links

Media type  
 ▼

[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
    }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review data requested try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type  
 ▼

[Example Value](#) | [Schema](#)

Code	Description	Links
404	<p>Not Found</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt;         &lt;error&gt;           &lt;example&gt; 404         &lt;/error&gt;         &lt;errorDetails&gt;           &lt;example&gt; Not Found         &lt;/errorDetails&gt;         &lt;requestIdentifier&gt;           &lt;example&gt; No matching records found         &lt;/requestIdentifier&gt;       &lt;/code&gt;     &lt;/code&gt;   </pre>	No links
500	<p>Internal Server Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt;         &lt;error&gt;           &lt;example&gt; 500         &lt;/error&gt;         &lt;errorDetails&gt;           &lt;example&gt; Internal Server Error         &lt;/errorDetails&gt;         &lt;requestIdentifier&gt;           &lt;example&gt; Internal Server Error. Please contact Help Desk.         &lt;/requestIdentifier&gt;       &lt;/code&gt;     &lt;/code&gt;   </pre>	No links

GET /api/v1/datasets/products/{productIdentifier} Bulk data- find a product by its identifier (shortName)



## Parameters

[Try it out](#)

Name	Description
<b>productIdIdentifier</b> * required string (path)	productIdIdentifier represents product Short name <input type="text" value="productIdIdentifier"/>
fileDataFromDate string(\$yyyy-MM-dd) (query)	fileDataFromDate <input type="text" value="fileDataFromDate"/>
fileDataToDate string(\$yyyy-MM-dd) (query)	fileDataToDate <input type="text" value="fileDataToDate"/>
offset integer (query)	Number of product file records to skip <input type="text" value="offset"/>
limit integer (query)	Number of product file records to collect <input type="text" value="limit"/>
includeFiles string (query)	value true if product files should be included or false if they should be omitted from the response <input type="text" value="includeFiles"/>
latest string (query)	value is true if only the latest product file should be returned for this specific product <input type="text" value="latest"/>

## Responses

Code	Description	Links
200	OK	No links

Media type  
▼

Controls Accept header.

Example Value | [Schema](#)

Code	Description	Links
<pre> <b>BdssResponseProductBag</b> ▼ {   count          integer   example: 25    bulkDataProductBag ▼ [ <b>BulkDataProductBag</b> ▼ {     productIdentifier string     example: PTFWPRE     productDescriptionText string     example: Bibliographic and assignments static patent data compiled into file sets. The Weekly Datasets (10-year increments) can be downloaded in bulk.     productTitleText string     example: Patent File Wrapper (Bulk Datasets) - Weekly     productFrequencyText string     example: WEEKLY     daysOfWeekText string     example: SUNDAY     productLabelArrayText ▼ [ string     example: List [ "RESEARCH", "PATENT" ]     productDataSetArrayText ▼ [ string     example: List [ "Research" ]     productDataSetCategoryArrayText ▼ [ string       example: List [ "Patent file wrapper" ]       productFromDate string(\$date)       example: OrderedMap {}       productToDate string(\$date)       example: OrderedMap {}       productTotalFileSize number       example: 32511973080       productFileTotalQuantity number       example: 3       lastModifiedDateTime string       example: OrderedMap {}       mimeTypeIdentifierArrayText ▼ [ string       example: List [ "JSON" ]       productFileBag <b>ProductFileBag</b> ▼ {         count          integer         example: 3         fileDataBag ▼ [ ▼ {           fileName       string           example: 2001-2010-patent-filewrapper-full-json.zip           fileSize       number           example: 1698377311           fileDataFromDate string(\$date)           example: OrderedMap {}           fileDataToDate string(\$date)           example: OrderedMap {}           fileTypeText   string           example: Data           fileDownloadURI string           example: https://api.uspto.gov/api/v1/datasets/products/files/PTFWPRE/2001-2010-patent-filewrapper-full-json.zip           fileReleaseDate string(\$date)           example: OrderedMap {}           fileDate        string(\$date)           example: OrderedMap {}           fileLastModifiedDateTime string(\$date)           example: OrderedMap {}         }       }     }   } } </pre>		

Code	Description	Links
400	<p>Bad Request</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {     }   example: 400   error     ▼ {     }   example: Bad Request   errorDetails     ▼ {     }   example: Invalid request, review data requested try again   requestIdentifier     ▼ {     }   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links
403	<p>Forbidden</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p> <pre>▼ {   code     ▼ {     }   example: 403   error     ▼ {     }   example: Forbidden }</pre>	No links
404	<p>Not Found</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p>	No links

**Code** **Description** **Links**

```
✓ {  
  code  
    ✓ {  
    }  
  example: 404  
  
  error  
    ✓ {  
    }  
  example: Not Found  
  
  errorDetails  
    ✓ {  
    }  
  example: No matching records found  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

500 Internal Server Error No links

Media type application/json

Example Value | Schema

```
✓ {  
  code  
    ✓ {  
    }  
  example: 500  
  
  error  
    ✓ {  
    }  
  example: Internal Server Error  
  
  errorDetails  
    ✓ {  
    }  
  example: Internal Server Error. Please contact Help Desk.  
  
  requestIdentifier  
    ✓ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

**GET** </api/v1/datasets/products/files/{productIdentifier}/{fileName}> Download bulk data product file 🔒 ^

Returns a 302 redirect to the actual download location for the given productIdentifier and fileName.

**Parameters** Try it out

Name	Description
<b>productIdentifier</b> * required	productIdentifier

Name	Description
(path)	
<b>fileName</b> * required string (path)	fileName

## Petition Decision Search Petition Decision Search

POST /api/v1/petition/decisions/search Search petition decision applications by supplying json payload

Parameters Try it out

No parameters

Request body application/json

Petition Decision data search request json payload. Fields in the request is optional

Example Value | Schema

```
PetitionDecisionSearchRequest ▼ {
    q
        string
        example: finalDecidingOfficeName:OFFICE OF PETITIONS
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [PetitionDecisionFilter ▼ {
            description: Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: decisionTypeCodeDescriptionText

            value
                ▼ [string
                    example: DENIED]
        }]
    rangeFilters
        ▼ [PetitionDecisionRange ▼ {
            description: Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: petitionMailDate

            valueFrom
                string
                example: 2022-08-04

            valueTo
                string
                example: 2025-08-04
        }]
    sort
        ▼ [PetitionDecisionSort ▼ {
            description: Sort you search result by providing field to be sorted and sort order

            field
                string
                example: petitionMailDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "patentNumber", "firstApplicantName", "petitionMailDate", "decisionPetitionTypeCode", "decisionTypeCodeDescriptionText",
            "decisionMailDate", "finalDecidingOfficeName", "businessEntityStatusCategory", "groupArtUnitNumber" ]
            string]
    pagination
        Pagination ▼ {
            description: Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }
    facets
        ▼ [
            example: List [ "finalDecidingOfficeName", "businessEntityStatusCategory" ]
            string]
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
	<pre>PetitionDecisionResponseBag ▼ {     count         integer         example: 1     petitionDecisionDataBag ▼ [ PetitionDecision ▼ {         petitionDecisionRecordIdentifier             string             example: 5d899d97-2bba-50a9-b01d-d87b38c70c55         applicationNumberText             string             example: 15569871         businessEntityStatusCategory             string             example: SMALL         customerNumber             integer             example: 23628         decisionDate             string             example: OrderedMap {}         decisionPetitionTypeCode             integer             example: 551         decisionTypeCode             string             example: C         decisionPetitionTypeCodeDescriptionText             string             example: DENIED         finalDecidingOfficeName             string             example: OFFICE OF PETITIONS         firstApplicantName             string             example: BIOVERATIV THERAPEUTICS INC.         firstInventorToFileIndicator             boolean             example: true         groupArtUnitNumber             string             example: 1646         technologyCenter             string             example: 1646         inventionTitle             string             example: RECEPTOR TYROSINE KINASE BIOMARKERS         inventorBag             ▼ [                 example: List [ "David Clarke", "Daniel Rolfe" ]             string]             string             example: None             boolean             example: false         lastIngestionDateTime             string             example: 2025-04-23T02:47:58         patentNumber             string             example: null         petitionIssueConsideredTextBag             ▼ [                 example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]             ▼ [                 example: List [ ]             string]             string             example: OrderedMap {}             string             example: During examination         ruleBag             ▼ [                 example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]             string]             ▼ [                 example: List [ "35 USC 134" ]             string]         statuteBag     }]     facets         ▼ [ PetitionDecisionFacet ▼ {             technologyCenter                 ▼ [ PetitionDecisionFacetEntity ▼ {                     value                         string                         example: Facet Value                     count                         integer                 }             }         }     ] }</pre>	



```
    }]
```

count  
}]

integer  
*example: 1*

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response400 ▾ {  
  code  
    ▾ {  
    }  
  example: 400  
  error  
    ▾ {  
    }  
  example: Bad Request  
  errorDetails  
    ▾ {  
    }  
  example: Invalid request, review petition decision data request filter section and try again  
  requestIdentifier  
    ▾ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response403 ▾ {  
  code  
    ▾ {  
    }  
  example: 403  
  error  
    ▾ {  
    }  
  example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre><b>Response404</b> ▾ {   code     ▾ {       example: 404     }    error     ▾ {     }     example: Not Found    errorDetails     ▾ {     }     example: No matching records found, refine your search criteria and try again    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre><b>Response500</b> ▾ {   code     ▾ {       example: 500     }    error     ▾ {     }     example: Internal Server Error    errorDetails     ▾ {     }     example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links

GET	/api/v1/petition/decisions/search	Petition decision application search by supplying query parameters					
Query parameters are optional. When no query parameters supplied, top 25 petition decisions are returned							
<b>Parameters</b>		<a href="#">Try it out</a>					
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td>q string</td><td>A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").</td></tr> </tbody> </table>				Name	Description	q string	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").
Name	Description						
q string	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").						

Name	Description
(query)	<p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> No conditions </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> q </div> <p><b>Example Description</b></p> <p>Empty, No conditions</p>
sort string (query)	<p>field to be sorted followed by sort order</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> No Sort </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> sort </div> <p><b>Example Description</b></p> <p>No sort option go by default sort</p>
offset integer (query)	<p>Position in the dataset of a particular record</p> <p><i>Example : 0</i></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> 0 </div>
limit integer (query)	<p>Limit the number of results returned</p> <p><i>Example : 25</i></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> 25 </div>
facets string (query)	<p>List of fields names to be faceted upon separated by comma (,)</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> No Facets </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> facets </div> <p><b>Example Description</b></p> <p>No faceting option</p>
fields string (query)	<p>Limits the response by specifying fields from dataset should be included.</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> All Fields </div>

Name	Description
	fields
	<b>Example Description</b> Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value <b>Examples:</b> No Filter
	filters
	<b>Example Description</b> No filter
rangeFilters string (query)	Filter the data by supplying range of values. Applicable for number and date type fields. <b>Examples:</b> No Range Filter
	rangeFilters
	<b>Example Description</b> No range filter

## Responses

Code	Description	Links
200	OK Media type application/json Controls Accept header. Example Value   Schema	No links

```

PetitionDecisionResponseBag ✓ {
  count
    integer
    example: 1
  petitionDecisionDataBag ✓ [ PetitionDecision ✓ {
    petitionDecisionRecordIdentifier
      string
      example: 5d899d97-2bba-50a9-b01d-d87b38c70c55
    applicationNumberText
      string
      example: 15569871
    businessEntityStatusCategory
      string
      example: SMALL
    customerNumber
      integer
      example: 23628
    decisionDate
      string
      example: OrderedMap {}
    decisionPetitionTypeCode
      integer
      example: 551
    decisionTypeCode
      string
      example: C
    decisionPetitionTypeCodeDescriptionText
      string
      example: DENIED
    finalDecidingOfficeName
      string
      example: OFFICE OF PETITIONS
    firstApplicantName
      string
      example: BIOVERATIV THERAPEUTICS INC.
    firstInventorToFileIndicator
      boolean
      example: true
    groupArtUnitNumber
      string
      example: 1646
    technologyCenter
      string
      example: 1646
    inventionTitle
      string
      example: RECEPTOR TYROSINE KINASE BIOMARKERS
    inventorBag
      ✓ [
        example: List [ "David Clarke", "Daniel Rolfe" ]
      string]
      string
      example: None
    courtActionIndicator
      boolean
      example: false
    lastIngestionDateTime
      string
      example: 2025-04-23T02:47:58
    patentNumber
      string
      example: null
    petitionIssueConsideredTextBag
      ✓ [
        example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]
      ✓ [
        example: List [ ]
      string]
      string
      example: OrderedMap {}
    prosecutionStatusCodeDescriptionText
      string
      example: During examination
    ruleBag
      ✓ [
        example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]
      string]
      ✓ [
        example: List [ "35 USC 134" ]
      string]
    statuteBag
  }
}

facets
  ✓ [ PetitionDecisionFacet ✓ {
    technologyCenter
      ✓ [ PetitionDecisionFacetEntity ✓ {
        value
          string
          example: Facet Value
        count
          integer
      }
    }
  }
}

```

Code	Description	Links
finalDecidingOfficeName	<p>example: 1</p> <p>]]</p> <p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
firstInventorToFileIndicator	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
decisionPetitionTypeCode	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
decisionTypeCodeDescriptionText	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
prosecutionStatusCodeDescriptionText	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
petitionIssueConsideredTextBag	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
statuteBag	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
ruleBag	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
actionTakenByCourtName	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
courtActionIndicator	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> <li>count integer example: 1</li> </ul> <p>}]</p>	
businessEntityStatusCategory	<p>✓ [PetitionDecisionFacetEntity ✓ {</p> <ul style="list-style-type: none"> <li>value string example: Facet Value</li> </ul>	

}

}

count

integer  
*example: 1*

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response400 ▾ {  
  code  
    ▾ {  
    }  
  example: 400  
  error  
    ▾ {  
    }  
  example: Bad Request  
  errorDetails  
    ▾ {  
    }  
  example: Invalid request, review petition decision data request filter section and try again  
  requestIdentifier  
    ▾ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response403 ▾ {  
  code  
    ▾ {  
    }  
  example: 403  
  error  
    ▾ {  
    }  
  example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre>Response404 ▾ {   code     ▾ {       example: 404     }    error     ▾ {     }     example: Not Found    errorDetails     ▾ {     }     example: No matching records found, refine your search criteria and try again    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	Internal Server Error	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div>	
	<a href="#">Example Value</a>   <a href="#">Schema</a>	
	<pre>Response500 ▾ {   code     ▾ {       example: 500     }    error     ▾ {     }     example: Internal Server Error    errorDetails     ▾ {     }     example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
<b>POST</b> <a href="#">/api/v1/petition/decisions/search/download</a> Download petition decision data by supplying json payload		
<b>Parameters</b>		<a href="#">Try it out</a>
No parameters		
Request body		<div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div>
<p>Petition decision data search request json payload. Fields in the request is optional</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p>		

```
PetitionDecisionDownloadRequest ▼ {
    q
        string
        example: finalDecidingOfficeName:OFFICE OF PETITIONS
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [PetitionDecisionFilter ▼ {
            description: Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: decisionTypeCodeDescriptionText

            value
                ▼ [string
                    example: DENIED]
        }]
    rangeFilters
        ▼ [PetitionDecisionRange ▼ {
            description: Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: petitionMailDate

            valueFrom
                string
                example: 2022-08-04

            valueTo
                string
                example: 2025-08-04
        }]
    sort
        ▼ [PetitionDecisionSort ▼ {
            description: Sort you search result by providing field to be sorted and sort order

            field
                string
                example: petitionMailDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "patentNumber", "firstApplicantName", "petitionMailDate", "decisionPetitionTypeCode", "decisionTypeCodeDescriptionText", "decisionMailDate", "finalDecidingOfficeName", "businessEntityStatusCategory", "groupArtUnitNumber" ]
            string]
    pagination
        Pagination ▼ {
            description: Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }
    format
        string
        example: csv
        Download format. pdf,xml or docs

        Enum:
        ▼ [ json, csv ]
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
	<pre>PetitionDecisionResponseBag ▼ {     count         integer         example: 1     petitionDecisionDataBag ▼ [PetitionDecision ▼ {         petitionDecisionRecordIdentifier             string             example: 5d899d97-2bba-50a9-b01d-d87b38c70c55         applicationNumberText             string             example: 15569871         businessEntityStatusCategory             string             example: SMALL         customerNumber             integer             example: 23628         decisionDate             string             example: OrderedMap {}         decisionPetitionTypeCode             integer             example: 551         decisionTypeCode             string             example: C         decisionPetitionTypeCodeDescriptionText             string             example: DENIED         finalDecidingOfficeName             string             example: OFFICE OF PETITIONS         firstApplicantName             string             example: BIOVERATIV THERAPEUTICS INC.         firstInventorToFileIndicator             boolean             example: true         groupArtUnitNumber             string             example: 1646         technologyCenter             string             example: 1646         inventionTitle             string             example: RECEPTOR TYROSINE KINASE BIOMARKERS         inventorBag             ▼ [                 example: List [ "David Clarke", "Daniel Rolfe" ]             string]             string             example: None             boolean             example: false         lastIngestionDateTime             string             example: 2025-04-23T02:47:58         patentNumber             string             example: null         petitionIssueConsideredTextBag             ▼ [                 example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]             ▼ [                 example: List [ ]             string]             string             example: OrderedMap {}             string             example: During examination         ruleBag             ▼ [                 example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]             string]             ▼ [                 example: List [ "35 USC 134" ]             string]         statuteBag     }]     facets         ▼ [PetitionDecisionFacet ▼ {             technologyCenter                 ▼ [PetitionDecisionFacetEntity ▼ {                     value                         string                         example: Facet Value                     count                         integer                 }             }         }     ] }</pre>	



```
    }]  
}
```

count  
}]

integer  
*example: 1*

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response400 ▾ {  
  code  
    ▾ {  
    }  
  example: 400  
  error  
    ▾ {  
    }  
  example: Bad Request  
  errorDetails  
    ▾ {  
    }  
  example: Invalid request, review petition decision data request filter section and try again  
  requestIdentifier  
    ▾ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response403 ▾ {  
  code  
    ▾ {  
    }  
  example: 403  
  error  
    ▾ {  
    }  
  example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre>Response404 ▾ {   code     ▾ {       example: 404     }    error     ▾ {     }     example: Not Found    errorDetails     ▾ {     }     example: No matching records found, refine your search criteria and try again    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	<p>Internal Server Error</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>Response500 ▾ {   code     ▾ {       example: 500     }    error     ▾ {     }     example: Internal Server Error    errorDetails     ▾ {     }     example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links

GET	/api/v1/petition/decisions/search/download	Petition decision application search by supplying query parameters	 				
Query parameters are optional. When no query parameters supplied, top 25 petition decisions are returned							
<b>Parameters</b>		<a href="#">Try it out</a>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>q string</td> <td>A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").</td> </tr> </tbody> </table>			Name	Description	q string	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").	
Name	Description						
q string	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").						

Name	Description
(query)	<p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="No conditions"/> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input type="text" value="q"/> </div> <p><b>Example Description</b></p> <p>Empty, No conditions</p>
sort string (query)	<p>field to be sorted followed by sort order</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="No Sort"/> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input type="text" value="sort"/> </div> <p><b>Example Description</b></p> <p>No sort option go by default sort</p>
offset integer (query)	<p>Position in the dataset of a particular record</p> <p><i>Example : 0</i></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="text" value="0"/> </div>
limit integer (query)	<p>Limit the number of results returned</p> <p><i>Example : 25</i></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="text" value="25"/> </div>
fields string (query)	<p>Limits the response by specifying fields from dataset should be included.</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="All Fields"/> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input type="text" value="fields"/> </div> <p><b>Example Description</b></p> <p>Returns all available data set fields</p>
filters string (query)	<p>Filter data by supplying filter parameter. Provide field name and its value</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input style="width: 100%;" type="button" value="No Filter"/> </div>

Name	Description
	<p>filters</p>
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters string (query)	<p>Filter the data by supplying range of values. Applicable for number and date type fields.</p> <p><b>Examples:</b></p> <p>No Range Filter</p> <p>rangeFilters</p>

Responses		
Code	Description	Links
200	<p>OK</p> <p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value   Schema</p>	No links

```

PetitionDecisionResponseBag ✓ {
  count
    integer
    example: 1
  petitionDecisionDataBag ✓ [ PetitionDecision ✓ {
    petitionDecisionRecordIdentifier
      string
      example: 5d899d97-2bba-50a9-b01d-d87b38c70c55
    applicationNumberText
      string
      example: 15569871
    businessEntityStatusCategory
      string
      example: SMALL
    customerNumber
      integer
      example: 23628
    decisionDate
      string
      example: OrderedMap {}
    decisionPetitionTypeCode
      integer
      example: 551
    decisionTypeCode
      string
      example: C
    decisionPetitionTypeCodeDescriptionText
      string
      example: DENIED
    finalDecidingOfficeName
      string
      example: OFFICE OF PETITIONS
    firstApplicantName
      string
      example: BIOVERATIV THERAPEUTICS INC.
    firstInventorToFileIndicator
      boolean
      example: true
    groupArtUnitNumber
      string
      example: 1646
    technologyCenter
      string
      example: 1646
    inventionTitle
      string
      example: RECEPTOR TYROSINE KINASE BIOMARKERS
    inventorBag
      ✓ [
        example: List [ "David Clarke", "Daniel Rolfe" ]
      string]
      string
      example: None
    courtActionIndicator
      boolean
      example: false
    lastIngestionDateTime
      string
      example: 2025-04-23T02:47:58
    patentNumber
      string
      example: null
    petitionIssueConsideredTextBag
      ✓ [
        example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]
      ✓ [
        example: List [ ]
      string]
      string
      example: OrderedMap {}
    prosecutionStatusCodeDescriptionText
      string
      example: During examination
    ruleBag
      ✓ [
        example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]
      string]
      ✓ [
        example: List [ "35 USC 134" ]
      string]
    statuteBag
  }
}

facets
  ✓ [ PetitionDecisionFacet ✓ {
    technologyCenter
      ✓ [ PetitionDecisionFacetEntity ✓ {
        value
          string
          example: Facet Value
        count
          integer
      }
    }
  }
}

```



```
        count
        integer
example: 1
    }
}
```

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response400 ▾ {  
  code  
    ▾ {  
    }  
  example: 400  
  error  
    ▾ {  
    }  
  example: Bad Request  
  errorDetails  
    ▾ {  
    }  
  example: Invalid request, review petition decision data request filter section and try again  
  requestIdentifier  
    ▾ {  
    }  
  example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response403 ▾ {  
  code  
    ▾ {  
    }  
  example: 403  
  error  
    ▾ {  
    }  
  example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

Code	Description	Links
------	-------------	-------

```
Response404 ▾ {
  code
    ▾ {
      example: 404
    }

  error
    ▾ {
    }
    example: Not Found

  errorDetails
    ▾ {
    }
    example: No matching records found, refine your search criteria and try again

  requestIdentifier
    ▾ {
    }
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98
}
```

500	Internal Server Error	No links
-----	-----------------------	----------

Media type

application/json



[Example Value](#) | [Schema](#)

```
Response500 ▾ {
  code
    ▾ {
      example: 500
    }

  error
    ▾ {
    }
    example: Internal Server Error

  errorDetails
    ▾ {
    }
    example: Internal Server Error. Please contact Help Desk.

  requestIdentifier
    ▾ {
    }
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98
}
```

GET

/api/v1/petition/decisions/{petitionDecisionRecordIdentifier} Petition decision application data for a provided application number



[Try it out](#)

#### Parameters

Name	Description
------	-------------

**petitionDecisionRecordIdentifier** \* required Petition Decision number

string  
(path)

Examples:

Petition decision record identifier



Name	Description
	<p>6779f1be-0f3b-5775-b9d3-dcfdb83171c3</p>
includeDocuments boolean (query)	<p><b>Example Description</b> Petition decision number</p> <p>This is a true or false...yes to include petition decision documents in the response and no to omit the petition decision documents from the response</p> <p><i>Example : true</i></p> <p>true</p>

## Responses

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p>	No links

Code	Description	Links
	<pre>PetitionDecisionIdentifierResponseBag ▼ {     count         integer         example: 1      petitionDecisionDataBag ▼ [PetitionDecisionAndDocuments ▼ {         petitionDecisionRecordIdentifier             string             example: 5d899d97-2bba-50a9-b01d-d87b38c70c55          applicationNumberText             string             example: 15569871          businessEntityStatusCategory             string             example: Small             integer             example: 23628          customerNumber             string             example: OrderedMap {}          decisionDate             string             example: 551          decisionPetitionTypeCode             string             example: C          decisionPetitionTypeCodeDescriptionText             string             example: DENIED          finalDecidingOfficeName             string             example: OFFICE OF PETITIONS          firstApplicantName             string             example: BIOVERATIV THERAPEUTICS INC.          firstInventorToFileIndicator             boolean             example: true          groupArtUnitNumber             string             example: 1646          technologyCenter             string             example: 1646          inventionTitle             string             example: RECEPTOR TYROSINE KINASE BIOMARKERS          inventorBag             ▼ [                 example: List [ "David Clarke", "Daniel Rolfe" ]             string]             string             example: None             boolean             example: false             string             example: 2025-04-23T02:47:58             string             example: null             ▼ [                 example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]             string]             ▼ [                 example: OrderedMap {}             string]             example: During examination             ▼ [                 example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]             string]             ▼ [                 example: List [ "35 USC 134" ]             string]             ▼ [PetitionDecisionDocument ▼ {                 applicationNumberText                     string                     example: 1556987                 officialDate                     string                     example: 2020-08-31T01:20:29.000-0400                 documentIdentifier                     string                     example: MOSSON/EMTV17             string]         }     } }</pre>	

Code	Description	Links
	<pre> documentCode          string example: PETDEC documentCodeDescriptionText string example: Petition Decision documentDirectionCategory string example: OUTGOING downloadOptionBag   ↘ [ ↘ {     mimeTypeIdentifier      &gt; [...]     documentURI             &gt; [...]     pageTotalQuantity       &gt; [...]   }] }  } </pre>	
400	<p>Bad Request</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> <b>Response400</b> ↘ {   code     ↘ {     }     example: 400   error     ↘ {     }     example: Bad Request   errorDetails     ↘ {     }     example: Invalid request, review petition decision data request filter section and try again   requestIdentifier     ↘ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 } </pre>	No links
403	<p>Forbidden</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> <b>Response403</b> ↘ {   code     ↘ {     }     example: 403   error     ↘ {     }     example: Forbidden } </pre>	No links
404	<p>Not Found</p> <p>Media type</p>	No links

Code	Description	Links
	<p>application/json ▾</p> <p>Example Value   Schema</p> <pre>Response404 ▾ {   code     ▾ {     }     example: 404    error     ▾ {     }     example: Not Found    errorDetails     ▾ {     }     example: No matching records found, refine your search criteria and try again    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	<p>Internal Server Error</p> <p>Media type</p> <p>application/json ▾</p> <p>Example Value   Schema</p> <pre>Response500 ▾ {   code     ▾ {     }     example: 500    error     ▾ {     }     example: Internal Server Error    errorDetails     ▾ {     }     example: Internal Server Error. Please contact Help Desk.    requestIdentifier     ▾ {     }     example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links

## PTAB Trials

PTAB Trials APIs: proceedings, documents and decisions.



### Proceedings

All public PTAB Trial proceedings



**POST** /api/v1/patent/trials/proceedings/search Search trials proceedings using json payload



#### Parameters

Try it out

No parameters

Request body required

application/json

Example Value | Schema

```
SearchRequest ▾ {  
    q  
        string  
        example: applicationMetaData.applicationTypeLabelName:Utility  
        Search by field value or pass opensearch string query syntax  
  
    filters  
        ▾ [Filter ▾ {  
            description:  
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.  
  
            name  
                string  
                example: applicationMetaData.applicationStatusDescriptionText  
  
            value  
                ▾ [string  
                example: Patented Case]  
        }]  
  
    rangeFilters  
        ▾ [Range ▾ {  
            description:  
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format  
  
            field  
                string  
                example: applicationMetaData.grantDate  
            valueFrom  
                string  
                example: 2010-08-04  
            valueTo  
                string  
                example: 2022-08-04  
        }]  
  
    sort  
        ▾ [Sort ▾ {  
            description:  
                Sort you search result by providing field to be sorted and sort order  
  
            field  
                string($123456789)  
                example: applicationMetaData.filingDate  
            order  
                string  
                example: desc  
                Sort order. e.g. Asc, ASC, Desc, desc, DESC  
  
                Enum:  
                    ▾ [ Asc, asc, Desc, desc ]  
        }]  
  
    fields  
        ▾ [  
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]  
            string]  
  
    pagination  
        ▾ [Pagination ▾ {  
            description:  
                Pagination information.  
  
            offset  
                integer($int32)  
                minimum: 0  
                example: 0  
                default: 0  
                Start  
  
            limit  
                integer($int32)  
                minimum: 1  
                default: 25  
                example: 25  
                Maximum number of patent records to be returned in response  
        }]  
  
    facets  
        ▾ [  
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]  
            string]  
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

**application/json** ▾

Controls Accept header.

Example Value | Schema

Code	Description	Links
------	-------------	-------

```

ProceedingDataResponse ✓ {
  count           integer
  requestIdentifier string
  example: 501eacc7-c785-4d85-96ac-a39f3f5533aa
  patentTrialProceedingDataBag ✓ [ patentTrialProceedingDataBag ✓ {
    description:          A single PTAB trial proceeding record.
    trialNumber          string
    example: IPR2024-00001
    lastModifiedDateTime string
    example: 2025-07-17T20:24:01
    trialMetaData        TrialMetaData ✓ {
      accordedFilingDate   string($date)
      example: 2024-02-15
      institutionDecisionDate string($date)
      example: 2024-08-20
      latestDecisionDate   string($date)
      example: 2025-01-12
      petitionFilingDate   string($date)
      example: 2024-01-30
      terminationDate       string($date)
      example: 2025-05-05
      trialLastModifiedDateTime string
      example: 2025-05-05T10:22:11Z
      trialLastModifiedDate  string($date)
      example: 2025-05-05
      trialStatusCategory   string
      example: Terminated
      trialTypeCode         string
      example: 102
    }
    patentOwnerData       PatentOwnerData ✓ {
      applicationNumberText string
      example: 14412875
      counselName            string
      example: Jane Q. Attorney
      grantDate              string($date)
      example: 2019-09-10
      groupArtUnitNumber     string
      example: 3689
      inventorName           string
      example: Liam Johnson
      realPartyInInterestName string
      example: ABC Corp.
      patentNumber            string
      example: US9876543B2
      patentOwnerName         string
      example: XYZ Holdings LLC
      technologyCenterNumber  string
      example: 3600
    }
    regularPetitionerData RegularPetitionerData ✓ {
      applicationNumberText string
      example: 16123456
      counselName            string
      example: John D. Counsel
      realPartyInInterestName string
      example: DEF Inc.
      grantDate              string($date)
      example: 2020-03-22
      groupArtUnitNumber     string
      example: 1790
      inventorName           string
      example: Emma Smith
      patentNumber            string
      example: US10203040B2
      patentOwnerName         string
    }
  }
}

```

Code	Description	derivationPetitionerData	Links
		<pre>     respondentData {       patentOwnerName   string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     RespondentData ∨ {       applicationNumberText  string       example: 16123456       counselName           string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber    string       example: 1790       inventorName          string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName        string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     DerivationPetitionerData ∨ {       applicationNumberText  string       example: 13112233       counselName           string       example: Alex M. Advocate       grantDate              string(\$date)       example: 2018-11-05       groupArtUnitNumber    string       example: 2876       inventorName          string       example: Noah Davis       realPartyInInterestName string       example: MNO Partners       patentNumber           string       example: US9001002B1       technologyCenterNumber string       example: 2800       patentOwnerName        string       example: PQR Ventures     }   } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;example&gt; 413       &lt;message&gt; string       &lt;example&gt; Payload Too Large       &lt;detailedMessage&gt; string       &lt;example&gt; Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       &lt;requestIdentifier&gt; string       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/code&gt;   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;example&gt; 500       &lt;error&gt; string       &lt;example&gt; Internal Server Error       &lt;errorDetails&gt; string       &lt;example&gt; Internal Server Error. Please contact Help Desk.       &lt;requestIdentifier&gt; string       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/code&gt;   </pre>	No links

**GET** /api/v1/patent/trials/proceedings/search Search trials proceedings using query parameters

🔒 ⌂

Parameters		<a href="#">Try it out</a>
Name	Description	
q <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").	
<b>Examples:</b>		
<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No conditions</div>		
<input type="text" value="q"/>		
<b>Example Description</b>		
Empty, No conditions		

Name	Description
sort string (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/> <input type="button" value="sort"/>
	<b>Example Description</b> No sort option go by default sort
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="button" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="button" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/> <input type="button" value="facets"/>
	<b>Example Description</b> No faceting option
fields string (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/> <input type="button" value="fields"/>
	<b>Example Description</b> Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.

Name	Description
<b>Examples:</b>	
	<div><p>No Filter</p><p>filters</p></div>
<b>Example Description</b>	
	No filter
rangeFilters	Filter the data by supplying range of values. Applicable for number and date type fields.
string (query)	<b>Examples:</b>
	<div><p>No Range Filter</p><p>rangeFilters</p></div>
<b>Example Description</b>	
	No range filter

Responses		
Code	Description	Links
200	OK	<i>No links</i>
<p>Media type</p> <div><p>application/json</p><p>Controls Accept header.</p></div> <p>Example Value   <a href="#">Schema</a></p>		

```
ProceedingDataResponse ▼ {  
    count           integer  
    requestIdentifier string  
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa  
    patentTrialProceedingDataBag ▼ [patentTrialProceedingDataBag ▼ {  
        description: A single PTAB trial proceeding record.  
        trialNumber          string  
        example: IPR2024-00001  
        lastModifiedDateTime string  
        example: 2025-07-17T20:24:01  
        trialMetaData         TrialMetaData ▼ {  
            accordedFilingDate      string($date)  
            example: 2024-02-15  
            institutionDecisionDate string($date)  
            example: 2024-08-20  
            latestDecisionDate     string($date)  
            example: 2025-01-12  
            petitionFilingDate     string($date)  
            example: 2024-01-30  
            terminationDate       string($date)  
            example: 2025-05-05  
            trialLastModifiedDateTime string  
            example: 2025-05-05T10:22:11Z  
            trialLastModifiedDate   string($date)  
            example: 2025-05-05  
            trialStatusCategory    string  
            example: Terminated  
            trialTypeCode          string  
            example: 102  
        }  
        patentOwnerData          PatentOwnerData ▼ {  
            applicationNumberText string  
            example: 14412875  
            counselName             string  
            example: Jane Q. Attorney  
            grantDate               string($date)  
            example: 2019-09-10  
            groupArtUnitNumber     string  
            example: 3689  
            inventorName            string  
            example: Liam Johnson  
            realPartyInInterestName string  
            example: ABC Corp.  
            patentNumber            string  
            example: US9876543B2  
            patentOwnerName         string  
            example: XYZ Holdings LLC  
            technologyCenterNumber  string  
            example: 3600  
        }  
        regularPetitionerData  RegularPetitionerData ▼ {  
            applicationNumberText string  
            example: 16123456  
            counselName             string  
            example: John D. Counsel  
            realPartyInInterestName string  
            example: DEF Inc.  
            grantDate               string($date)  
            example: 2020-03-22  
            groupArtUnitNumber     string  
            example: 1790  
            inventorName            string  
            example: Emma Smith  
            patentNumber            string  
            example: US10203040B2  
            patentOwnerName         string  
        }  
    }  
}
```

Code	Description	derivationPetitionerData	Links
		<pre>     respondentData {       patentOwnerName   string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     RespondentData ∨ {       applicationNumberText  string       example: 16123456       counselName           string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber    string       example: 1790       inventorName          string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName        string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     DerivationPetitionerData ∨ {       applicationNumberText  string       example: 13112233       counselName           string       example: Alex M. Advocate       grantDate              string(\$date)       example: 2018-11-05       groupArtUnitNumber    string       example: 2876       inventorName          string       example: Noah Davis       realPartyInInterestName string       example: MNO Partners       patentNumber           string       example: US9001002B1       technologyCenterNumber string       example: 2800       patentOwnerName        string       example: PQR Ventures     }   } } </pre>	

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 413
      message: string
      example: Payload Too Large
      detailedMessage: string
      example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

500

Internal Error

No links

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 500
      error: string
      example: Internal Server Error
      errorDetails: string
      example: Internal Server Error. Please contact Help Desk.
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

POST

/api/v1/patent/trials/proceedings/search/download Download trials proceedings search results in json or csv format using json payload



#### Parameters

Try it out

No parameters

Request body required

application/json



Proceeding download request. Same structure as PatentDownloadRequest.

Example Value | Schema

```
DownloadRequest ▾ {  
    q  
        string  
        example: applicationMetaData.applicationTypeLabelName:Utility  
        Search by field value or pass opensearch string query syntax  
  
    filters  
        ▾ [Filter ▾ {  
            description:  
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.  
  
            name  
                string  
                example: applicationMetaData.applicationStatusDescriptionText  
  
            value  
                ▾ [string  
                example: Patented Case]  
        }]  
  
    rangeFilters  
        ▾ [Range ▾ {  
            description:  
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format  
  
            field  
                string  
                example: applicationMetaData.grantDate  
            valueFrom  
                string  
                example: 2010-08-04  
            valueTo  
                string  
                example: 2022-08-04  
        }]  
  
    sort  
        ▾ [Sort ▾ {  
            description:  
                Sort you search result by providing field to be sorted and sort order  
  
            field  
                string($123456789)  
                example: applicationMetaData.filingDate  
            order  
                string  
                example: desc  
                Sort order. e.g. Asc, ASC, Desc, desc, DESC  
  
                Enum:  
                    ▾ [ Asc, asc, Desc, desc ]  
        }]  
  
    fields  
        ▾ [  
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]  
            string]  
  
    pagination  
        ▾ [Pagination ▾ {  
            description:  
                Pagination information.  
  
            offset  
                integer($int32)  
                minimum: 0  
                example: 0  
                default: 0  
                Start  
  
            limit  
                integer($int32)  
                minimum: 1  
                default: 25  
                example: 25  
                Maximum number of patent records to be returned in response  
        }]  
  
    format  
        string  
        example: json  
        Download format. csv or json  
  
        Enum:  
            ▾ [ json, csv ]  
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
------	-------------	-------

```

ProceedingDataResponse ✓ {
  count           integer
  requestIdentifier string
  example: 501eacc7-c785-4d85-96ac-a39f3f5533aa
  patentTrialProceedingDataBag ✓ [ patentTrialProceedingDataBag ✓ {
    description:          A single PTAB trial proceeding record.
    trialNumber          string
    example: IPR2024-00001
    lastModifiedDateTime string
    example: 2025-07-17T20:24:01
    trialMetaData        TrialMetaData ✓ {
      accordedFilingDate   string($date)
      example: 2024-02-15
      institutionDecisionDate string($date)
      example: 2024-08-20
      latestDecisionDate   string($date)
      example: 2025-01-12
      petitionFilingDate   string($date)
      example: 2024-01-30
      terminationDate       string($date)
      example: 2025-05-05
      trialLastModifiedDateTime string
      example: 2025-05-05T10:22:11Z
      trialLastModifiedDate  string($date)
      example: 2025-05-05
      trialStatusCategory   string
      example: Terminated
      trialTypeCode         string
      example: 102
    }
    patentOwnerData       PatentOwnerData ✓ {
      applicationNumberText string
      example: 14412875
      counselName            string
      example: Jane Q. Attorney
      grantDate              string($date)
      example: 2019-09-10
      groupArtUnitNumber     string
      example: 3689
      inventorName           string
      example: Liam Johnson
      realPartyInInterestName string
      example: ABC Corp.
      patentNumber            string
      example: US9876543B2
      patentOwnerName         string
      example: XYZ Holdings LLC
      technologyCenterNumber  string
      example: 3600
    }
    regularPetitionerData RegularPetitionerData ✓ {
      applicationNumberText string
      example: 16123456
      counselName            string
      example: John D. Counsel
      realPartyInInterestName string
      example: DEF Inc.
      grantDate              string($date)
      example: 2020-03-22
      groupArtUnitNumber     string
      example: 1790
      inventorName           string
      example: Emma Smith
      patentNumber            string
      example: US10203040B2
      patentOwnerName         string
    }
  }
}

```

Code	Description	derivationPetitionerData	Links
		<pre>     respondentData {       patentOwnerName   string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     RespondentData ∨ {       applicationNumberText  string       example: 16123456       counselName           string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber    string       example: 1790       inventorName          string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName        string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     DerivationPetitionerData ∨ {       applicationNumberText  string       example: 13112233       counselName           string       example: Alex M. Advocate       grantDate              string(\$date)       example: 2018-11-05       groupArtUnitNumber    string       example: 2876       inventorName          string       example: Noah Davis       realPartyInInterestName string       example: MNO Partners       patentNumber           string       example: US9001002B1       technologyCenterNumber string       example: 2800       patentOwnerName        string       example: PQR Ventures     }   } } </pre>	

400

## Bad Request

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

**GET** /api/v1/patent/trials/proceedings/search/download Download trials proceedings search results in json or csv format using query parameters 🔒 ⌂

Parameters		<a href="#">Try it out</a>
Name	Description	
q <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").  <b>Examples:</b> No conditions	
<input type="text" value="q"/>		
<b>Example Description</b>		
Empty, No conditions		

Name	Description
sort string (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/> <input type="button" value="sort"/>
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="button" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="button" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/> <input type="button" value="facets"/>
fields string (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/> <input type="button" value="fields"/>
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.

Name	Description
	<p><b>Examples:</b></p> <div><p>No Filter</p><p>filters</p></div>
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters	Filter the data by supplying range of values. Applicable for number and date type fields.
string (query)	<p><b>Examples:</b></p> <div><p>No Range Filter</p><p>rangeFilters</p></div>
	<p><b>Example Description</b></p> <p>No range filter</p>
format	Download Format
string (query)	<p><b>Examples:</b></p> <div><p>json</p><p>json</p></div>

Responses		
Code	Description	Links
200	OK	<i>No links</i>
	<p>Media type</p> <div><p>application/json</p></div> <p>Controls Accept header.</p>	
	<p>Example Value   <a href="#">Schema</a></p>	

```
ProceedingDataResponse ▼ {  
    count           integer  
    requestIdentifier string  
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa  
    patentTrialProceedingDataBag ▼ [patentTrialProceedingDataBag ▼ {  
        description: A single PTAB trial proceeding record.  
        trialNumber          string  
        example: IPR2024-00001  
        lastModifiedDateTime string  
        example: 2025-07-17T20:24:01  
        trialMetaData         TrialMetaData ▼ {  
            accordedFilingDate   string($date)  
            example: 2024-02-15  
            institutionDecisionDate string($date)  
            example: 2024-08-20  
            latestDecisionDate   string($date)  
            example: 2025-01-12  
            petitionFilingDate   string($date)  
            example: 2024-01-30  
            terminationDate      string($date)  
            example: 2025-05-05  
            trialLastModifiedDateTime string  
            example: 2025-05-05T10:22:11Z  
            trialLastModifiedDate  string($date)  
            example: 2025-05-05  
            trialStatusCategory   string  
            example: Terminated  
            trialTypeCode         string  
            example: 102  
        }  
        patentOwnerData       PatentOwnerData ▼ {  
            applicationNumberText string  
            example: 14412875  
            counselName           string  
            example: Jane Q. Attorney  
            grantDate             string($date)  
            example: 2019-09-10  
            groupArtUnitNumber   string  
            example: 3689  
            inventorName          string  
            example: Liam Johnson  
            realPartyInInterestName string  
            example: ABC Corp.  
            patentNumber          string  
            example: US9876543B2  
            patentOwnerName        string  
            example: XYZ Holdings LLC  
            technologyCenterNumber string  
            example: 3600  
        }  
        regularPetitionerData RegularPetitionerData ▼ {  
            applicationNumberText string  
            example: 16123456  
            counselName           string  
            example: John D. Counsel  
            realPartyInInterestName string  
            example: DEF Inc.  
            grantDate             string($date)  
            example: 2020-03-22  
            groupArtUnitNumber   string  
            example: 1790  
            inventorName          string  
            example: Emma Smith  
            patentNumber          string  
            example: US10203040B2  
            patentOwnerName        string  
        }  
    }  
}
```

Code	Description	derivationPetitionerData	Links
		<pre>     respondentData {       patentOwnerName   string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     RespondentData ∨ {       applicationNumberText  string       example: 16123456       counselName           string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber    string       example: 1790       inventorName          string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName        string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     DerivationPetitionerData ∨ {       applicationNumberText  string       example: 13112233       counselName           string       example: Alex M. Advocate       grantDate              string(\$date)       example: 2018-11-05       groupArtUnitNumber    string       example: 2876       inventorName          string       example: Noah Davis       realPartyInInterestName string       example: MNO Partners       patentNumber           string       example: US9001002B1       technologyCenterNumber string       example: 2800       patentOwnerName        string       example: PQR Ventures     }   } } </pre>	

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code

Description

Links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code: integer  
    example: 413  
  message: string  
    example: Payload Too Large  
  detailedMessage: string  
    example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size  
  requestIdentifier: string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

500

Internal Error

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code: integer  
    example: 500  
  error: string  
    example: Internal Server Error  
  errorDetails: string  
    example: Internal Server Error. Please contact Help Desk.  
  requestIdentifier: string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

GET

/api/v1/patent/trials/proceedings/{trialNumber} Retrieve a single trials proceeding by trial number



Try it out

### Parameters

Name

Description

**trialNumber** \* required

string

(path)

trialNumber number.

Example : IPR2025-01319

IPR2025-01319

### Responses

Code	Description	Links
200	OK  Media type <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> Controls Accept header.  <a href="#">Example Value</a>   <a href="#">Schema</a>	<i>No links</i>

```
ProceedingDataResponse ▼ {  
    count           integer  
    requestIdentifier string  
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa  
    patentTrialProceedingDataBag ▼ [patentTrialProceedingDataBag ▼ {  
        description: A single PTAB trial proceeding record.  
        trialNumber          string  
        example: IPR2024-00001  
        lastModifiedDateTime string  
        example: 2025-07-17T20:24:01  
        trialMetaData         TrialMetaData ▼ {  
            accordedFilingDate      string($date)  
            example: 2024-02-15  
            institutionDecisionDate string($date)  
            example: 2024-08-20  
            latestDecisionDate     string($date)  
            example: 2025-01-12  
            petitionFilingDate     string($date)  
            example: 2024-01-30  
            terminationDate       string($date)  
            example: 2025-05-05  
            trialLastModifiedDateTime string  
            example: 2025-05-05T10:22:11Z  
            trialLastModifiedDate   string($date)  
            example: 2025-05-05  
            trialStatusCategory    string  
            example: Terminated  
            trialTypeCode          string  
            example: 102  
        }  
        patentOwnerData          PatentOwnerData ▼ {  
            applicationNumberText string  
            example: 14412875  
            counselName             string  
            example: Jane Q. Attorney  
            grantDate               string($date)  
            example: 2019-09-10  
            groupArtUnitNumber     string  
            example: 3689  
            inventorName            string  
            example: Liam Johnson  
            realPartyInInterestName string  
            example: ABC Corp.  
            patentNumber            string  
            example: US9876543B2  
            patentOwnerName         string  
            example: XYZ Holdings LLC  
            technologyCenterNumber  string  
            example: 3600  
        }  
        regularPetitionerData  RegularPetitionerData ▼ {  
            applicationNumberText string  
            example: 16123456  
            counselName             string  
            example: John D. Counsel  
            realPartyInInterestName string  
            example: DEF Inc.  
            grantDate               string($date)  
            example: 2020-03-22  
            groupArtUnitNumber     string  
            example: 1790  
            inventorName            string  
            example: Emma Smith  
            patentNumber            string  
            example: US10203040B2  
            patentOwnerName         string  
        }  
    }  
}
```

Code	Description	derivationPetitionerData	Links
		<pre>     respondentData {       patentOwnerName   string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     RespondentData ∨ {       applicationNumberText  string       example: 16123456       counselName           string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber    string       example: 1790       inventorName          string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName        string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }     DerivationPetitionerData ∨ {       applicationNumberText  string       example: 13112233       counselName           string       example: Alex M. Advocate       grantDate              string(\$date)       example: 2018-11-05       groupArtUnitNumber    string       example: 2876       inventorName          string       example: Noah Davis       realPartyInInterestName string       example: MNO Partners       patentNumber           string       example: US9001002B1       technologyCenterNumber string       example: 2800       patentOwnerName        string       example: PQR Ventures     }   } } </pre>	

400

## Bad Request

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;message&gt; string       &lt;detailedMessage&gt; string       &lt;requestIdentifier&gt; string     &lt;/code&gt;   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;error&gt; string       &lt;errorDetails&gt; string       &lt;requestIdentifier&gt; string     &lt;/code&gt;   </pre>	No links

## Decisions

All public decisions filed in PTAB Trials



POST /api/v1/patent/trials/decisions/search Search trials decisions documents using json payload
 
🔒 ^

**Parameters**

---

No parameters

**Request body** required

application/json ▾

Example Value | Schema

```
PatentSearchRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▼ [string]
                example: Patented Case
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                    ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string
        ]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    facets
        ▼ [
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]
            string
        ]
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

**application/json** ▾

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre> <b>DecisionDataResponse</b> ▼ {     count          <b>integer</b>     example: 100     patentTrialDecisionDataBag ▼ [ <b>patentTrialDecisionDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory <b>string</b>         example: document         lastModifiedDateTime <b>string(\$date-time)</b>         example: 2025-07-01T15:20:30Z         trialNumber          <b>string</b>         example: IPR2024-00001         trialTypeCode         <b>string</b>         example: IPR         trialMetaData         <b>TrialMetaData</b> ▼ {             accordedFilingDate <b>string(\$date)</b>             example: 2024-02-15             institutionDecisionDate <b>string(\$date)</b>             example: 2024-08-20             latestDecisionDate <b>string(\$date)</b>             example: 2025-01-12             petitionFilingDate <b>string(\$date)</b>             example: 2024-01-30             terminationDate     <b>string(\$date)</b>             example: 2025-05-05             trialLastModifiedDateTime <b>string</b>             example: 2025-05-05T10:22:11Z             trialLastModifiedDate <b>string(\$date)</b>             example: 2025-05-05             trialStatusCategory <b>string</b>             example: Terminated             trialTypeCode         <b>string</b>             example: 102         }         patentOwnerData       <b>PatentOwnerData</b> ▼ {             applicationNumberText <b>string</b>             example: 14412875             counselName           <b>string</b>             example: Jane Q. Attorney             grantDate              <b>string(\$date)</b>             example: 2019-09-10             groupArtUnitNumber    <b>string</b>             example: 3689             inventorName          <b>string</b>             example: Liam Johnson             realPartyInInterestName <b>string</b>             example: ABC Corp.             patentNumber           <b>string</b>             example: US9876543B2             patentOwnerName        <b>string</b>             example: XYZ Holdings LLC             technologyCenterNumber <b>string</b>             example: 3600         }         regularPetitionerData <b>RegularPetitionerData</b> ▼ {             applicationNumberText <b>string</b>             example: 16123456             counselName           <b>string</b>             example: John D. Counsel             realPartyInInterestName <b>string</b>             example: DEF Inc.             grantDate              <b>string(\$date)</b>             example: 2020-03-22             groupArtUnitNumber    <b>string</b>             example: 1790             inventorName          <b>string</b>             example: Emma Smith         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }      derivationPetitionerData       DerivationPetitionerData ✕ {         applicationNumberText  string         example: 13112233         counselName            string         example: Alex M. Advocate         grantDate              string(\$date)         example: 2018-11-05         groupArtUnitNumber     string         example: 2876         inventorName           string         example: Noah Davis         realPartyInInterestName string         example: MNO Partners         patentNumber           string         example: US9001002B1         technologyCenterNumber  string         example: 2800         patentOwnerName         string         example: PQR Ventures       }        documentData         DocumentData ✕ {           documentCategory        string           example: Petition           documentFilingDate      string(\$date)           example: 2024-04-12           documentIdentifier       string           example: 100012345           documentName             string           example: petition.pdf           documentNumber            string           example: 1           documentSizeQuantity      integer           example: 123456           documentOCRTText          string           example: ...           documentTitleText          string           example: Petition           documentTypeDescriptionText string           example: Petition Type           fileDownloadURI           string(\$uri)           example: https://ptab.uspto.gov/doc/100012345           filingPartyCategory        string           example: Petitioner         }       }     }   </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

**GET** /api/v1/patent/trials/decisions/search Search trials decisions documents using query parameters

🔒 ⌂

**Parameters**

Try it out

Name	Description
q <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").

**Examples:**

No conditions

**Example Description**

Empty, No conditions

Name	Description
sort string (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/> <input type="button" value="sort"/>
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="button" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="button" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/> <input type="button" value="facets"/>
fields string (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/> <input type="button" value="fields"/>
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.

Name	Description
	<p><b>Examples:</b></p> <div><p>No Filter</p><p>filters</p></div>
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters string (query)	<p>Filter the data by supplying range of values. Applicable for number and date type fields.</p> <p><b>Examples:</b></p> <div><p>No Range Filter</p><p>rangeFilters</p></div>
	<p><b>Example Description</b></p> <p>No range filter</p>

Responses		
Code	Description	Links
200	<p>OK</p> <p>Media type</p> <div><p>application/json</p></div> <p>Controls Accept header.</p> <p>Example Value   <a href="#">Schema</a></p>	<p>No links</p>

Code	Description	Links
<pre> <b>DecisionDataResponse</b> ▼ {     count          <b>integer</b>     example: 100     patentTrialDecisionDataBag ▼ [ <b>patentTrialDecisionDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory <b>string</b>         example: document         lastModifiedDateTime <b>string(\$date-time)</b>         example: 2025-07-01T15:20:30Z         trialNumber          <b>string</b>         example: IPR2024-00001         trialTypeCode         <b>string</b>         example: IPR         trialMetaData         <b>TrialMetaData</b> ▼ {             accordedFilingDate <b>string(\$date)</b>             example: 2024-02-15             institutionDecisionDate <b>string(\$date)</b>             example: 2024-08-20             latestDecisionDate <b>string(\$date)</b>             example: 2025-01-12             petitionFilingDate <b>string(\$date)</b>             example: 2024-01-30             terminationDate     <b>string(\$date)</b>             example: 2025-05-05             trialLastModifiedDateTime <b>string</b>             example: 2025-05-05T10:22:11Z             trialLastModifiedDate <b>string(\$date)</b>             example: 2025-05-05             trialStatusCategory <b>string</b>             example: Terminated             trialTypeCode         <b>string</b>             example: 102         }         patentOwnerData       <b>PatentOwnerData</b> ▼ {             applicationNumberText <b>string</b>             example: 14412875             counselName           <b>string</b>             example: Jane Q. Attorney             grantDate              <b>string(\$date)</b>             example: 2019-09-10             groupArtUnitNumber    <b>string</b>             example: 3689             inventorName          <b>string</b>             example: Liam Johnson             realPartyInInterestName <b>string</b>             example: ABC Corp.             patentNumber           <b>string</b>             example: US9876543B2             patentOwnerName        <b>string</b>             example: XYZ Holdings LLC             technologyCenterNumber <b>string</b>             example: 3600         }         regularPetitionerData <b>RegularPetitionerData</b> ▼ {             applicationNumberText <b>string</b>             example: 16123456             counselName           <b>string</b>             example: John D. Counsel             realPartyInInterestName <b>string</b>             example: DEF Inc.             grantDate              <b>string(\$date)</b>             example: 2020-03-22             groupArtUnitNumber    <b>string</b>             example: 1790             inventorName          <b>string</b>             example: Emma Smith         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText         string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory       string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 413
      message: string
      example: Payload Too Large
      detailedMessage: string
      example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

500

Internal Error

No links

Media type

application/json



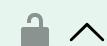
Example Value | Schema

```

    {
      code: integer
      example: 500
      error: string
      example: Internal Server Error
      errorDetails: string
      example: Internal Server Error. Please contact Help Desk.
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

POST

/api/v1/patent/trials/decisions/search/download Download trials decisions documents search results in json or csv format using json payload



#### Parameters

Try it out

No parameters

Request body required

application/json



Download request. Same structure as PatentDownloadRequest.

Example Value | Schema

```
DownloadRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                name
                    string
                    example: applicationMetaData.applicationStatusDescriptionText
                value
                    ▼ [string]
                    example: Patented Case
            }]
        }

    rangeFilters
        ▼ [Range ▼ {
            description:
                field
                    string
                    example: applicationMetaData.grantDate
                valueFrom
                    string
                    example: 2010-08-04
                valueTo
                    string
                    example: 2022-08-04
            }]
        }

    sort
        ▼ [Sort ▼ {
            description:
                field
                    string($123456789)
                    example: applicationMetaData.filingDate
                order
                    string
                    example: desc
                    Sort order. e.g. Asc, ASC, Desc, desc, DESC
                    Enum:
                        ▼ [ Asc, asc, Desc, desc ]
            }]
        }

    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string
        ]

    pagination
        ▼ [Pagination ▼ {
            description:
                offset
                    integer($int32)
                    minimum: 0
                    example: 0
                    default: 0
                    Start
                limit
                    integer($int32)
                    minimum: 1
                    default: 25
                    example: 25
                    Maximum number of patent records to be returned in response
            }
            string
            example: json
            Download format. csv or json
            Enum:
                ▼ [ json, csv ]
        }]
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre> <b>DecisionDataResponse</b> ▼ {   count          <b>integer</b>   example: 100   patentTrialDecisionDataBag ▼ [ <b>patentTrialDecisionDataBag</b> ▼ {     description: A single PTAB document record.     trialDocumentCategory <b>string</b>     example: document     lastModifiedDateTime <b>string(\$date-time)</b>     example: 2025-07-01T15:20:30Z     trialNumber          <b>string</b>     trialTypeCode        <b>string</b>     example: IPR2024-00001     trialMetaData        <b>TrialMetaData</b> ▼ {       accordedFilingDate <b>string(\$date)</b>       example: 2024-02-15       institutionDecisionDate <b>string(\$date)</b>       example: 2024-08-20       latestDecisionDate <b>string(\$date)</b>       example: 2025-01-12       petitionFilingDate <b>string(\$date)</b>       example: 2024-01-30       terminationDate <b>string(\$date)</b>       example: 2025-05-05       trialLastModifiedDateTime <b>string</b>       example: 2025-05-05T10:22:11Z       trialLastModifiedDate <b>string(\$date)</b>       example: 2025-05-05       trialStatusCategory <b>string</b>       example: Terminated       trialTypeCode        <b>string</b>       example: 102     }     patentOwnerData <b>PatentOwnerData</b> ▼ {       applicationNumberText <b>string</b>       example: 14412875       counselName           <b>string</b>       example: Jane Q. Attorney       grantDate              <b>string(\$date)</b>       example: 2019-09-10       groupArtUnitNumber    <b>string</b>       example: 3689       inventorName          <b>string</b>       example: Liam Johnson       realPartyInInterestName <b>string</b>       example: ABC Corp.       patentNumber           <b>string</b>       example: US9876543B2       patentOwnerName        <b>string</b>       example: XYZ Holdings LLC       technologyCenterNumber <b>string</b>       example: 3600     }     regularPetitionerData <b>RegularPetitionerData</b> ▼ {       applicationNumberText <b>string</b>       example: 16123456       counselName           <b>string</b>       example: John D. Counsel       realPartyInInterestName <b>string</b>       example: DEF Inc.       grantDate              <b>string(\$date)</b>       example: 2020-03-22       groupArtUnitNumber    <b>string</b>       example: 1790       inventorName          <b>string</b>       example: Emma Smith     }   } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }      derivationPetitionerData       DerivationPetitionerData ✕ {         applicationNumberText  string         example: 13112233         counselName            string         example: Alex M. Advocate         grantDate              string(\$date)         example: 2018-11-05         groupArtUnitNumber     string         example: 2876         inventorName           string         example: Noah Davis         realPartyInInterestName string         example: MNO Partners         patentNumber           string         example: US9001002B1         technologyCenterNumber  string         example: 2800         patentOwnerName         string         example: PQR Ventures       }        documentData         DocumentData ✕ {           documentCategory        string           example: Petition           documentFilingDate      string(\$date)           example: 2024-04-12           documentIdentifier       string           example: 100012345           documentName             string           example: petition.pdf           documentNumber            string           example: 1           documentSizeQuantity      integer           example: 123456           documentOCRTText          string           example: ...           documentTitleText          string           example: Petition           documentTypeDescriptionText string           example: Petition Type           fileDownloadURI           string(\$uri)           example: https://ptab.uspto.gov/doc/100012345           filingPartyCategory        string           example: Petitioner         }       }     }   </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

**GET** /api/v1/patent/trials/decisions/search/download Download trials decisions documents search results in json or csv format using query parameters 🔒 ⌂

Parameters		<span style="border: 1px solid #ccc; padding: 2px 10px; border-radius: 5px;">Try it out</span>
Name	Description	
q <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases (""). <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No conditions</div> <div style="border: 1px solid #ccc; padding: 2px; margin-top: 10px;">q</div>	
<b>Example Description</b> Empty, No conditions		

Name	Description
sort string (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/> <input type="button" value="sort"/>
	<b>Example Description</b> No sort option go by default sort
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="button" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="button" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/> <input type="button" value="facets"/>
	<b>Example Description</b> No faceting option
fields string (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/> <input type="button" value="fields"/>
	<b>Example Description</b> Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.

Name	Description
	<p><b>Examples:</b></p> <div><p>No Filter</p><p>filters</p></div>
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters string (query)	<p>Filter the data by supplying range of values. Applicable for number and date type fields.</p>
	<p><b>Examples:</b></p> <div><p>No Range Filter</p><p>rangeFilters</p></div>
	<p><b>Example Description</b></p> <p>No range filter</p>
format string (query)	<p>Download Format</p>
	<p><b>Examples:</b></p> <div><p>json</p><p>json</p></div>

Responses		
Code	Description	Links
200	OK	<i>No links</i>
	<p>Media type</p> <div><p>application/json</p></div> <p>Controls Accept header.</p>	
	<p>Example Value   <a href="#">Schema</a></p>	

Code	Description	Links
<pre> <b>DecisionDataResponse</b> ▼ {     count          <b>integer</b>     example: 100     patentTrialDecisionDataBag ▼ [ <b>patentTrialDecisionDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory <b>string</b>         example: document         lastModifiedDateTime <b>string(\$date-time)</b>         example: 2025-07-01T15:20:30Z         trialNumber          <b>string</b>         example: IPR2024-00001         trialTypeCode         <b>string</b>         example: IPR         trialMetaData         <b>TrialMetaData</b> ▼ {             accordedFilingDate <b>string(\$date)</b>             example: 2024-02-15             institutionDecisionDate <b>string(\$date)</b>             example: 2024-08-20             latestDecisionDate <b>string(\$date)</b>             example: 2025-01-12             petitionFilingDate <b>string(\$date)</b>             example: 2024-01-30             terminationDate     <b>string(\$date)</b>             example: 2025-05-05             trialLastModifiedDateTime <b>string</b>             example: 2025-05-05T10:22:11Z             trialLastModifiedDate <b>string(\$date)</b>             example: 2025-05-05             trialStatusCategory <b>string</b>             example: Terminated             trialTypeCode         <b>string</b>             example: 102         }         patentOwnerData       <b>PatentOwnerData</b> ▼ {             applicationNumberText <b>string</b>             example: 14412875             counselName           <b>string</b>             example: Jane Q. Attorney             grantDate              <b>string(\$date)</b>             example: 2019-09-10             groupArtUnitNumber    <b>string</b>             example: 3689             inventorName           <b>string</b>             example: Liam Johnson             realPartyInInterestName <b>string</b>             example: ABC Corp.             patentNumber           <b>string</b>             example: US9876543B2             patentOwnerName         <b>string</b>             example: XYZ Holdings LLC             technologyCenterNumber <b>string</b>             example: 3600         }         regularPetitionerData <b>RegularPetitionerData</b> ▼ {             applicationNumberText <b>string</b>             example: 16123456             counselName           <b>string</b>             example: John D. Counsel             realPartyInInterestName <b>string</b>             example: DEF Inc.             grantDate              <b>string(\$date)</b>             example: 2020-03-22             groupArtUnitNumber    <b>string</b>             example: 1790             inventorName           <b>string</b>             example: Emma Smith         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText        string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory      string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 413
      message: string
      example: Payload Too Large
      detailedMessage: string
      example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

500

Internal Error

No links

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 500
      error: string
      example: Internal Server Error
      errorDetails: string
      example: Internal Server Error. Please contact Help Desk.
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

GET

/api/v1/patent/trials/decisions/{documentIdentifier} Retrieve a single trials decisions document by document identifier



Try it out

### Parameters

Name	Description
------	-------------

documentIdentifier \* required

string

(path)

170224750

### Responses

Code	Description	Links
200	OK  Media type <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> Controls Accept header.  <a href="#">Example Value</a>   <a href="#">Schema</a>	<i>No links</i>

Code	Description	Links
<pre> <b>DecisionDataResponse</b> ▼ {     count          <b>integer</b>     example: 100     patentTrialDecisionDataBag ▼ [ <b>patentTrialDecisionDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory <b>string</b>         example: document         lastModifiedDateTime <b>string(\$date-time)</b>         example: 2025-07-01T15:20:30Z         trialNumber          <b>string</b>         example: IPR2024-00001         trialTypeCode         <b>string</b>         example: IPR         trialMetaData         <b>TrialMetaData</b> ▼ {             accordedFilingDate <b>string(\$date)</b>             example: 2024-02-15             institutionDecisionDate <b>string(\$date)</b>             example: 2024-08-20             latestDecisionDate <b>string(\$date)</b>             example: 2025-01-12             petitionFilingDate <b>string(\$date)</b>             example: 2024-01-30             terminationDate <b>string(\$date)</b>             example: 2025-05-05             trialLastModifiedDateTime <b>string</b>             example: 2025-05-05T10:22:11Z             trialLastModifiedDate <b>string(\$date)</b>             example: 2025-05-05             trialStatusCategory <b>string</b>             example: Terminated             trialTypeCode         <b>string</b>             example: 102         }         patentOwnerData       <b>PatentOwnerData</b> ▼ {             applicationNumberText <b>string</b>             example: 14412875             counselName           <b>string</b>             example: Jane Q. Attorney             grantDate              <b>string(\$date)</b>             example: 2019-09-10             groupArtUnitNumber    <b>string</b>             example: 3689             inventorName          <b>string</b>             example: Liam Johnson             realPartyInInterestName <b>string</b>             example: ABC Corp.             patentNumber           <b>string</b>             example: US9876543B2             patentOwnerName        <b>string</b>             example: XYZ Holdings LLC             technologyCenterNumber <b>string</b>             example: 3600         }         regularPetitionerData <b>RegularPetitionerData</b> ▼ {             applicationNumberText <b>string</b>             example: 16123456             counselName           <b>string</b>             example: John D. Counsel             realPartyInInterestName <b>string</b>             example: DEF Inc.             grantDate              <b>string(\$date)</b>             example: 2020-03-22             groupArtUnitNumber    <b>string</b>             example: 1790             inventorName          <b>string</b>             example: Emma Smith         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText        string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory      string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 413
      message: string
      example: Payload Too Large
      detailedMessage: string
      example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

500

Internal Error

No links

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 500
      error: string
      example: Internal Server Error
      errorDetails: string
      example: Internal Server Error. Please contact Help Desk.
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

GET

/api/v1/patent/trials/{trialNumber}/decisions Retrieve all trials decisions documents by trial number



Try it out

### Parameters

Name	Description
------	-------------

**trialNumber** \* required

string  
(path)

IPR2020-00388

### Responses

Code	Description	Links
200	OK  Media type <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> Controls Accept header.  <a href="#">Example Value</a>   <a href="#">Schema</a>	<i>No links</i>

Code	Description	Links
<pre> <b>DecisionDataResponse</b> ▼ {     count          <b>integer</b>     example: 100     patentTrialDecisionDataBag ▼ [ <b>patentTrialDecisionDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory <b>string</b>         example: document         lastModifiedDateTime <b>string(\$date-time)</b>         example: 2025-07-01T15:20:30Z         trialNumber          <b>string</b>         example: IPR2024-00001         trialTypeCode         <b>string</b>         example: IPR         trialMetaData         <b>TrialMetaData</b> ▼ {             accordedFilingDate <b>string(\$date)</b>             example: 2024-02-15             institutionDecisionDate <b>string(\$date)</b>             example: 2024-08-20             latestDecisionDate <b>string(\$date)</b>             example: 2025-01-12             petitionFilingDate <b>string(\$date)</b>             example: 2024-01-30             terminationDate     <b>string(\$date)</b>             example: 2025-05-05             trialLastModifiedDateTime <b>string</b>             example: 2025-05-05T10:22:11Z             trialLastModifiedDate <b>string(\$date)</b>             example: 2025-05-05             trialStatusCategory <b>string</b>             example: Terminated             trialTypeCode         <b>string</b>             example: 102         }         patentOwnerData       <b>PatentOwnerData</b> ▼ {             applicationNumberText <b>string</b>             example: 14412875             counselName           <b>string</b>             example: Jane Q. Attorney             grantDate              <b>string(\$date)</b>             example: 2019-09-10             groupArtUnitNumber    <b>string</b>             example: 3689             inventorName           <b>string</b>             example: Liam Johnson             realPartyInInterestName <b>string</b>             example: ABC Corp.             patentNumber           <b>string</b>             example: US9876543B2             patentOwnerName         <b>string</b>             example: XYZ Holdings LLC             technologyCenterNumber <b>string</b>             example: 3600         }         regularPetitionerData <b>RegularPetitionerData</b> ▼ {             applicationNumberText <b>string</b>             example: 16123456             counselName           <b>string</b>             example: John D. Counsel             realPartyInInterestName <b>string</b>             example: DEF Inc.             grantDate              <b>string(\$date)</b>             example: 2020-03-22             groupArtUnitNumber    <b>string</b>             example: 1790             inventorName           <b>string</b>             example: Emma Smith         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText        string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory      string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       code          integer       message       string       detailedMessage string       requestIdentifier string     &lt;/code&gt;   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       code          integer       error         string       errorDetails string       requestIdentifier string     &lt;/code&gt;   </pre>	No links

## Documents

All public documents filed in PTAB Trials



**POST** /api/v1/patent/trials/documents/search Search trials documents using json payload

Try it out 🔒 ⌂

**Parameters**

---

No parameters

**Request body** required

application/json

Example Value | Schema

```
SearchRequest ▾ {  
    q  
        string  
        example: applicationMetaData.applicationTypeLabelName:Utility  
        Search by field value or pass opensearch string query syntax  
  
    filters  
        ▾ [Filter ▾ {  
            description:  
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.  
  
            name  
                string  
                example: applicationMetaData.applicationStatusDescriptionText  
  
            value  
                ▾ [string  
                example: Patented Case]  
        }]  
  
    rangeFilters  
        ▾ [Range ▾ {  
            description:  
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format  
  
            field  
                string  
                example: applicationMetaData.grantDate  
            valueFrom  
                string  
                example: 2010-08-04  
            valueTo  
                string  
                example: 2022-08-04  
        }]  
  
    sort  
        ▾ [Sort ▾ {  
            description:  
                Sort you search result by providing field to be sorted and sort order  
  
            field  
                string($123456789)  
                example: applicationMetaData.filingDate  
            order  
                string  
                example: desc  
                Sort order. e.g. Asc, ASC, Desc, desc, DESC  
  
                Enum:  
                    ▾ [ Asc, asc, Desc, desc ]  
        }]  
  
    fields  
        ▾ [  
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]  
            string]  
  
    pagination  
        ▾ [Pagination ▾ {  
            description:  
                Pagination information.  
  
            offset  
                integer($int32)  
                minimum: 0  
                example: 0  
                default: 0  
                Start  
  
            limit  
                integer($int32)  
                minimum: 1  
                default: 25  
                example: 25  
                Maximum number of patent records to be returned in response  
        }]  
  
    facets  
        ▾ [  
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]  
            string]  
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

**application/json** ▾

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre> <b>DocumentDataResponse</b> ▼ {     count         integer         example: 100     patentTrialDocumentDataBag ▼ [ <b>patentTrialDocumentDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory string         example: document         lastModifiedDateTime string(\$date-time)         example: 2025-07-01T15:20:30Z         trialNumber string         example: IPR2024-00001         trialTypeCode string         example: IPR         trialMetaData             TrialMetaData ▼ {                 accordedFilingDate string(\$date)                 example: 2024-02-15                 institutionDecisionDate string(\$date)                 example: 2024-08-20                 latestDecisionDate string(\$date)                 example: 2025-01-12                 petitionFilingDate string(\$date)                 example: 2025-01-30                 terminationDate string(\$date)                 example: 2024-01-30                 trialLastModifiedDateTime string                 example: 2025-05-05T10:22:11Z                 trialLastModifiedDate string(\$date)                 example: 2025-05-05                 trialStatusCategory string                 example: Terminated                 trialTypeCode string                 example: 102             }         patentOwnerData             PatentOwnerData ▼ {                 applicationNumberText string                 example: 14412875                 counselName string                 example: Jane Q. Attorney                 grantDate string(\$date)                 example: 2019-09-10                 groupArtUnitNumber string                 example: 3689                 inventorName string                 example: Liam Johnson                 realPartyInInterestName string                 example: ABC Corp.                 patentNumber string                 example: US9876543B2                 patentOwnerName string                 example: XYZ Holdings LLC                 technologyCenterNumber string                 example: 3600             }         regularPetitionerData             RegularPetitionerData ▼ {                 applicationNumberText string                 example: 16123456                 counselName string                 example: John D. Counsel                 realPartyInInterestName string                 example: DEF Inc.                 grantDate string(\$date)                 example: 2020-03-22                 groupArtUnitNumber string                 example: 1790                 inventorName string                 example: Emma Smith             }         }     } } </pre>		

Code	Description	Links
	<pre>         patentNumber          string         example: US10203040B2         patentOwnerName       string         example: JKL Holdings         technologyCenterNumber string         example: 1700     }      respondentData {         applicationNumberText  string         example: 16123456         counselName             string         example: Mary R. Lawyer         grantDate               string(\$date)         example: 2020-03-22         groupArtUnitNumber     string         example: 1790         inventorName            string         example: Emma Smith         realPartyInInterestName string         example: GHI LLC         patentNumber             string         example: US10203040B2         patentOwnerName          string         example: JKL Holdings         technologyCenterNumber   string         example: 1700     }      derivationPetitionerData {         DerivationPetitionerData {             applicationNumberText  string             example: 13112233             counselName             string             example: Alex M. Advocate             grantDate               string(\$date)             example: 2018-11-05             groupArtUnitNumber     string             example: 2876             inventorName            string             example: Noah Davis             realPartyInInterestName string             example: MNO Partners             patentNumber             string             example: US9001002B1             technologyCenterNumber   string             example: 2800             patentOwnerName          string             example: PQR Ventures         }     }      documentData {         DocumentData {             documentCategory          string             example: Petition             documentFilingDate        string(\$date)             example: 2024-04-12             documentIdentifier         string             example: 100012345             documentName                string             example: petition.pdf             documentNumber              string             example: 1             documentSizeQuantity        integer             example: 123456             documentOCRTText           string             example: ...             documentTitleText           string             example: Petition             documentTypeDescriptionText string             example: Petition Type             fileDownloadURI             string(\$uri)             example: https://ptab.uspto.gov/doc/100012345             filingPartyCategory         string             example: Petitioner         }     } } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

GET /api/v1/patent/trials/documents/search Search trials documents using query parameters

Try it out

Lock ^

**Parameters**

Name	Description
q <small>string (query)</small>	<p>A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No conditions</div> <div style="border: 1px solid #ccc; padding: 2px; width: 150px; margin-top: 10px;">q</div>

**Example Description**

Empty, No conditions

Name	Description
sort string (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/> <input type="button" value="sort"/>
	<b>Example Description</b> No sort option go by default sort
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="button" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="button" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/> <input type="button" value="facets"/>
	<b>Example Description</b> No faceting option
fields string (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/> <input type="button" value="fields"/>
	<b>Example Description</b> Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.

Name	Description
<b>Examples:</b>	
	<div><p>No Filter</p><p>filters</p></div>
<b>Example Description</b>	
	No filter
rangeFilters	Filter the data by supplying range of values. Applicable for number and date type fields.
string (query)	<b>Examples:</b>
	<div><p>No Range Filter</p><p>rangeFilters</p></div>
<b>Example Description</b>	
	No range filter

Responses		
Code	Description	Links
200	OK	<i>No links</i>
<p>Media type</p> <div><p>application/json</p><p>Controls Accept header.</p></div> <p>Example Value   <a href="#">Schema</a></p>		

Code	Description	Links
<pre> <b>DocumentDataResponse</b> ▼ {     count         <b>integer</b>         example: 100     patentTrialDocumentDataBag ▼ [ <b>patentTrialDocumentDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory             <b>string</b>             example: document         lastModifiedDateTime             <b>string(\$date-time)</b>             example: 2025-07-01T15:20:30Z         trialNumber             <b>string</b>             example: IPR2024-00001         trialTypeCode             <b>string</b>             example: IPR         trialMetaData             <b>TrialMetaData</b> ▼ {                 accordedFilingDate                     <b>string(\$date)</b>                     example: 2024-02-15                 institutionDecisionDate                     <b>string(\$date)</b>                     example: 2024-08-20                 latestDecisionDate                     <b>string(\$date)</b>                     example: 2025-01-12                 petitionFilingDate                     <b>string(\$date)</b>                     example: 2024-01-30                 terminationDate                     <b>string(\$date)</b>                     example: 2025-05-05                 trialLastModifiedDateTime                     <b>string</b>                     example: 2025-05-05T10:22:11Z                 trialLastModifiedDate                     <b>string(\$date)</b>                     example: 2025-05-05                 trialStatusCategory                     <b>string</b>                     example: Terminated                 trialTypeCode                     <b>string</b>                     example: 102             }         patentOwnerData             <b>PatentOwnerData</b> ▼ {                 applicationNumberText                     <b>string</b>                     example: 14412875                 counselName                     <b>string</b>                     example: Jane Q. Attorney                 grantDate                     <b>string(\$date)</b>                     example: 2019-09-10                 groupArtUnitNumber                     <b>string</b>                     example: 3689                 inventorName                     <b>string</b>                     example: Liam Johnson                 realPartyInInterestName                     <b>string</b>                     example: ABC Corp.                 patentNumber                     <b>string</b>                     example: US9876543B2                 patentOwnerName                     <b>string</b>                     example: XYZ Holdings LLC                 technologyCenterNumber                     <b>string</b>                     example: 3600             }         regularPetitionerData             <b>RegularPetitionerData</b> ▼ {                 applicationNumberText                     <b>string</b>                     example: 16123456                 counselName                     <b>string</b>                     example: John D. Counsel                 realPartyInInterestName                     <b>string</b>                     example: DEF Inc.                 grantDate                     <b>string(\$date)</b>                     example: 2020-03-22                 groupArtUnitNumber                     <b>string</b>                     example: 1790                 inventorName                     <b>string</b>                     example: Emma Smith             }         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText        string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory      string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
------	-------------	-------

Media type

application/json

Example Value | Schema

```

    {
      code: integer
      example: 413
      message: string
      example: Payload Too Large
      detailedMessage: string
      example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

500

Internal Error

No links

Media type

application/json

Example Value | Schema

```

    {
      code: integer
      example: 500
      error: string
      example: Internal Server Error
      errorDetails: string
      example: Internal Server Error. Please contact Help Desk.
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

POST

/api/v1/patent/trials/documents/search/download Download trials documents search results in json or csv format using json payload



#### Parameters

Try it out

No parameters

Request body required

application/json



Document download request. Same structure as PatentDownloadRequest.

Example Value | Schema

```
DownloadRequest ▾ {  
    q  
        string  
        example: applicationMetaData.applicationTypeLabelName:Utility  
        Search by field value or pass opensearch string query syntax  
  
    filters  
        ▾ [Filter ▾ {  
            description:  
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.  
  
            name  
                string  
                example: applicationMetaData.applicationStatusDescriptionText  
  
            value  
                ▾ [string  
                example: Patented Case]  
        }]  
  
    rangeFilters  
        ▾ [Range ▾ {  
            description:  
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format  
  
            field  
                string  
                example: applicationMetaData.grantDate  
            valueFrom  
                string  
                example: 2010-08-04  
            valueTo  
                string  
                example: 2022-08-04  
        }]  
  
    sort  
        ▾ [Sort ▾ {  
            description:  
                Sort you search result by providing field to be sorted and sort order  
  
            field  
                string($123456789)  
                example: applicationMetaData.filingDate  
            order  
                string  
                example: desc  
                Sort order. e.g. Asc, ASC, Desc, desc, DESC  
  
                Enum:  
                    ▾ [ Asc, asc, Desc, desc ]  
        }]  
  
    fields  
        ▾ [  
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]  
            string]  
  
    pagination  
        ▾ [Pagination ▾ {  
            description:  
                Pagination information.  
  
            offset  
                integer($int32)  
                minimum: 0  
                example: 0  
                default: 0  
                Start  
  
            limit  
                integer($int32)  
                minimum: 1  
                default: 25  
                example: 25  
                Maximum number of patent records to be returned in response  
        }]  
  
    format  
        string  
        example: json  
        Download format. csv or json  
  
        Enum:  
            ▾ [ json, csv ]  
}
```

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
<pre> <b>DocumentDataResponse</b> ▼ {     count         integer         example: 100     patentTrialDocumentDataBag ▼ [ <b>patentTrialDocumentDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory string         example: document         lastModifiedDateTime string(\$date-time)         example: 2025-07-01T15:20:30Z         trialNumber string         example: IPR2024-00001         trialTypeCode string         example: IPR         trialMetaData TrialMetaData ▼ {             accordedFilingDate string(\$date)             example: 2024-02-15             institutionDecisionDate string(\$date)             example: 2024-08-20             latestDecisionDate string(\$date)             example: 2025-01-12             petitionFilingDate string(\$date)             example: 2025-01-30             terminationDate string(\$date)             example: 2024-01-30             trialLastModifiedDateTime string             example: 2025-05-05T10:22:11Z             trialLastModifiedDate string(\$date)             example: 2025-05-05             trialStatusCategory string             example: Terminated             trialTypeCode string             example: 102         }         patentOwnerData PatentOwnerData ▼ {             applicationNumberText string             example: 14412875             counselName string             example: Jane Q. Attorney             grantDate string(\$date)             example: 2019-09-10             groupArtUnitNumber string             example: 3689             inventorName string             example: Liam Johnson             realPartyInInterestName string             example: ABC Corp.             patentNumber string             example: US9876543B2             patentOwnerName string             example: XYZ Holdings LLC             technologyCenterNumber string             example: 3600         }         regularPetitionerData RegularPetitionerData ▼ {             applicationNumberText string             example: 16123456             counselName string             example: John D. Counsel             realPartyInInterestName string             example: DEF Inc.             grantDate string(\$date)             example: 2020-03-22             groupArtUnitNumber string             example: 1790             inventorName string             example: Emma Smith         }     } } </pre>		

Code	Description	Links
	<pre>         patentNumber          string         example: US10203040B2         patentOwnerName       string         example: JKL Holdings         technologyCenterNumber string         example: 1700     }      respondentData {         applicationNumberText  string         example: 16123456         counselName             string         example: Mary R. Lawyer         grantDate               string(\$date)         example: 2020-03-22         groupArtUnitNumber      string         example: 1790         inventorName            string         example: Emma Smith         realPartyInInterestName string         example: GHI LLC         patentNumber             string         example: US10203040B2         patentOwnerName          string         example: JKL Holdings         technologyCenterNumber    string         example: 1700     }      derivationPetitionerData {         DerivationPetitionerData {             applicationNumberText  string             example: 13112233             counselName             string             example: Alex M. Advocate             grantDate               string(\$date)             example: 2018-11-05             groupArtUnitNumber      string             example: 2876             inventorName            string             example: Noah Davis             realPartyInInterestName string             example: MNO Partners             patentNumber             string             example: US9001002B1             technologyCenterNumber   string             example: 2800             patentOwnerName          string             example: PQR Ventures         }     }      documentData {         DocumentData {             documentCategory          string             example: Petition             documentFilingDate        string(\$date)             example: 2024-04-12             documentIdentifier         string             example: 100012345             documentName                string             example: petition.pdf             documentNumber              string             example: 1             documentSizeQuantity        integer             example: 123456             documentOCRTText           string             example: ...             documentTitleText           string             example: Petition             documentTypeDescriptionText string             example: Petition Type             fileDownloadURI             string(\$uri)             example: https://ptab.uspto.gov/doc/100012345             filingPartyCategory         string             example: Petitioner         }     } } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;example&gt; 413       &lt;message&gt; string       &lt;example&gt; Payload Too Large       &lt;detailedMessage&gt; string       &lt;example&gt; Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       &lt;requestIdentifier&gt; string       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/code&gt;   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;example&gt; 500       &lt;error&gt; string       &lt;example&gt; Internal Server Error       &lt;errorDetails&gt; string       &lt;example&gt; Internal Server Error. Please contact Help Desk.       &lt;requestIdentifier&gt; string       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/code&gt;   </pre>	No links

**GET** /api/v1/patent/trials/documents/search/download Download trials document search results in json or csv format using query parameters 🔒 ⌂

Parameters		<a href="#">Try it out</a>
Name	Description	
q <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").  <b>Examples:</b> No conditions	<input type="text" value="q"/>
<b>Example Description</b>		
Empty, No conditions		

Name	Description
sort string (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/> <input type="button" value="sort"/>
	<b>Example Description</b> No sort option go by default sort
offset integer (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="button" value="0"/>
limit integer (query)	Limit the number of results returned <i>Example : 25</i> <input type="button" value="25"/>
facets string (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/> <input type="button" value="facets"/>
	<b>Example Description</b> No faceting option
fields string (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/> <input type="button" value="fields"/>
	<b>Example Description</b> Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.

Name	Description
	<p><b>Examples:</b></p> <div><p>No Filter</p><p>filters</p></div>
	<p><b>Example Description</b></p> <p>No filter</p>
rangeFilters	Filter the data by supplying range of values. Applicable for number and date type fields.
string (query)	<p><b>Examples:</b></p> <div><p>No Range Filter</p><p>rangeFilters</p></div>
	<p><b>Example Description</b></p> <p>No range filter</p>
format	Download Format
string (query)	<p><b>Examples:</b></p> <div><p>json</p><p>json</p></div>

Responses		
Code	Description	Links
200	OK	<i>No links</i>
	<p>Media type</p> <div><p>application/json</p></div> <p>Controls Accept header.</p>	
	<p>Example Value   <a href="#">Schema</a></p>	

Code	Description	Links
<pre> <b>DocumentDataResponse</b> ▼ {   count     integer     example: 100   patentTrialDocumentDataBag ▼ [ <b>patentTrialDocumentDataBag</b> ▼ {     description: A single PTAB document record.     trialDocumentCategory string     example: document     lastModifiedDateTime string(\$date-time)     example: 2025-07-01T15:20:30Z     trialNumber string     example: IPR2024-00001     trialTypeCode string     example: IPR     trialMetaData       TrialMetaData ▼ {         accordedFilingDate string(\$date)         example: 2024-02-15         institutionDecisionDate string(\$date)         example: 2024-08-20         latestDecisionDate string(\$date)         example: 2025-01-12         petitionFilingDate string(\$date)         example: 2025-01-30         terminationDate string(\$date)         example: 2024-01-30         trialLastModifiedDateTime string         example: 2025-05-05T10:22:11Z         trialLastModifiedDate string(\$date)         example: 2025-05-05         trialStatusCategory string         example: Terminated         trialTypeCode string         example: 102       }     patentOwnerData       PatentOwnerData ▼ {         applicationNumberText string         example: 14412875         counselName string         example: Jane Q. Attorney         grantDate string(\$date)         example: 2019-09-10         groupArtUnitNumber string         example: 3689         inventorName string         example: Liam Johnson         realPartyInInterestName string         example: ABC Corp.         patentNumber string         example: US9876543B2         patentOwnerName string         example: XYZ Holdings LLC         technologyCenterNumber string         example: 3600       }     regularPetitionerData       RegularPetitionerData ▼ {         applicationNumberText string         example: 16123456         counselName string         example: John D. Counsel         realPartyInInterestName string         example: DEF Inc.         grantDate string(\$date)         example: 2020-03-22         groupArtUnitNumber string         example: 1790         inventorName string         example: Emma Smith       }     }   } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ∨ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ∨ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ∨ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText        string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory      string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 413
      message: string
      example: Payload Too Large
      detailedMessage: string
      example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

500

Internal Error

No links

Media type

application/json



Example Value | Schema

```

    {
      code: integer
      example: 500
      error: string
      example: Internal Server Error
      errorDetails: string
      example: Internal Server Error. Please contact Help Desk.
      requestIdentifier: string
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98
    }
  
```

GET

/api/v1/patent/trials/documents/{documentIdentifier} Retrieve a single trials document by document identifier



Try it out

### Parameters

Name	Description
------	-------------

**documentIdentifier** \* required

document Identifier.  
Example : 170224750  
(path)

170224750

### Responses

Code	Description	Links
200	OK  Media type <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> Controls Accept header.  <a href="#">Example Value</a>   <a href="#">Schema</a>	<i>No links</i>

Code	Description	Links
<pre> <b>DocumentDataResponse</b> ▼ {     count         <b>integer</b>         example: 100     patentTrialDocumentDataBag ▼ [ <b>patentTrialDocumentDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory             <b>string</b>             example: document         lastModifiedDateTime             <b>string(\$date-time)</b>             example: 2025-07-01T15:20:30Z         trialNumber             <b>string</b>             example: IPR2024-00001         trialTypeCode             <b>string</b>             example: IPR         trialMetaData             <b>TrialMetaData</b> ▼ {                 accordedFilingDate                     <b>string(\$date)</b>                     example: 2024-02-15                 institutionDecisionDate                     <b>string(\$date)</b>                     example: 2024-08-20                 latestDecisionDate                     <b>string(\$date)</b>                     example: 2025-01-12                 petitionFilingDate                     <b>string(\$date)</b>                     example: 2024-01-30                 terminationDate                     <b>string(\$date)</b>                     example: 2025-05-05                 trialLastModifiedDateTime                     <b>string</b>                     example: 2025-05-05T10:22:11Z                 trialLastModifiedDate                     <b>string(\$date)</b>                     example: 2025-05-05                 trialStatusCategory                     <b>string</b>                     example: Terminated                 trialTypeCode                     <b>string</b>                     example: 102             }         patentOwnerData             <b>PatentOwnerData</b> ▼ {                 applicationNumberText                     <b>string</b>                     example: 14412875                 counselName                     <b>string</b>                     example: Jane Q. Attorney                 grantDate                     <b>string(\$date)</b>                     example: 2019-09-10                 groupArtUnitNumber                     <b>string</b>                     example: 3689                 inventorName                     <b>string</b>                     example: Liam Johnson                 realPartyInInterestName                     <b>string</b>                     example: ABC Corp.                 patentNumber                     <b>string</b>                     example: US9876543B2                 patentOwnerName                     <b>string</b>                     example: XYZ Holdings LLC                 technologyCenterNumber                     <b>string</b>                     example: 3600             }         regularPetitionerData             <b>RegularPetitionerData</b> ▼ {                 applicationNumberText                     <b>string</b>                     example: 16123456                 counselName                     <b>string</b>                     example: John D. Counsel                 realPartyInInterestName                     <b>string</b>                     example: DEF Inc.                 grantDate                     <b>string(\$date)</b>                     example: 2020-03-22                 groupArtUnitNumber                     <b>string</b>                     example: 1790                 inventorName                     <b>string</b>                     example: Emma Smith             }         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText        string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory      string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code

Description

Links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code: integer  
    example: 413  
  message: string  
    example: Payload Too Large  
  detailedMessage: string  
    example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size  
  requestIdentifier: string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

500

Internal Error

No links

Media type

**application/json**

Example Value | Schema

```
▼ {  
  code: integer  
    example: 500  
  error: string  
    example: Internal Server Error  
  errorDetails: string  
    example: Internal Server Error. Please contact Help Desk.  
  requestIdentifier: string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

GET

/api/v1/patent/trials/{trialNumber}/documents Retrieve all trials documents by trial number



Try it out

### Parameters

Name

Description

**trialNumber** \* required

string

(path)

trialNumber number.

Example : IPR2025-01319

IPR2025-01319

### Responses

Code	Description	Links
200	OK  Media type <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> Controls Accept header.  <a href="#">Example Value</a>   <a href="#">Schema</a>	<i>No links</i>

Code	Description	Links
<pre> <b>DocumentDataResponse</b> ▼ {     count         <b>integer</b>         example: 100     patentTrialDocumentDataBag ▼ [ <b>patentTrialDocumentDataBag</b> ▼ {         description: A single PTAB document record.         trialDocumentCategory             <b>string</b>             example: document         lastModifiedDateTime             <b>string(\$date-time)</b>             example: 2025-07-01T15:20:30Z         trialNumber             <b>string</b>             example: IPR2024-00001         trialTypeCode             <b>string</b>             example: IPR         trialMetaData             <b>TrialMetaData</b> ▼ {                 accordedFilingDate                     <b>string(\$date)</b>                     example: 2024-02-15                 institutionDecisionDate                     <b>string(\$date)</b>                     example: 2024-08-20                 latestDecisionDate                     <b>string(\$date)</b>                     example: 2025-01-12                 petitionFilingDate                     <b>string(\$date)</b>                     example: 2024-01-30                 terminationDate                     <b>string(\$date)</b>                     example: 2025-05-05                 trialLastModifiedDateTime                     <b>string</b>                     example: 2025-05-05T10:22:11Z                 trialLastModifiedDate                     <b>string(\$date)</b>                     example: 2025-05-05                 trialStatusCategory                     <b>string</b>                     example: Terminated                 trialTypeCode                     <b>string</b>                     example: 102             }         patentOwnerData             <b>PatentOwnerData</b> ▼ {                 applicationNumberText                     <b>string</b>                     example: 14412875                 counselName                     <b>string</b>                     example: Jane Q. Attorney                 grantDate                     <b>string(\$date)</b>                     example: 2019-09-10                 groupArtUnitNumber                     <b>string</b>                     example: 3689                 inventorName                     <b>string</b>                     example: Liam Johnson                 realPartyInInterestName                     <b>string</b>                     example: ABC Corp.                 patentNumber                     <b>string</b>                     example: US9876543B2                 patentOwnerName                     <b>string</b>                     example: XYZ Holdings LLC                 technologyCenterNumber                     <b>string</b>                     example: 3600             }         regularPetitionerData             <b>RegularPetitionerData</b> ▼ {                 applicationNumberText                     <b>string</b>                     example: 16123456                 counselName                     <b>string</b>                     example: John D. Counsel                 realPartyInInterestName                     <b>string</b>                     example: DEF Inc.                 grantDate                     <b>string(\$date)</b>                     example: 2020-03-22                 groupArtUnitNumber                     <b>string</b>                     example: 1790                 inventorName                     <b>string</b>                     example: Emma Smith             }         }     } } </pre>		

Code	Description	Links
	<pre>     respondentData       patentNumber          string       example: US10203040B2       patentOwnerName       string       example: JKL Holdings       technologyCenterNumber string       example: 1700     }      RespondentData ✕ {       applicationNumberText  string       example: 16123456       counselName            string       example: Mary R. Lawyer       grantDate              string(\$date)       example: 2020-03-22       groupArtUnitNumber     string       example: 1790       inventorName           string       example: Emma Smith       realPartyInInterestName string       example: GHI LLC       patentNumber           string       example: US10203040B2       patentOwnerName         string       example: JKL Holdings       technologyCenterNumber  string       example: 1700     }   </pre>	
	<pre> derivationPetitionerData   DerivationPetitionerData ✕ {     applicationNumberText  string     example: 13112233     counselName            string     example: Alex M. Advocate     grantDate              string(\$date)     example: 2018-11-05     groupArtUnitNumber     string     example: 2876     inventorName           string     example: Noah Davis     realPartyInInterestName string     example: MNO Partners     patentNumber           string     example: US9001002B1     technologyCenterNumber  string     example: 2800     patentOwnerName         string     example: PQR Ventures   } </pre>	
	<pre> documentData   DocumentData ✕ {     documentCategory        string     example: Petition     documentFilingDate     string(\$date)     example: 2024-04-12     documentIdentifier      string     example: 100012345     documentName             string     example: petition.pdf     documentNumber           string     example: 1     documentSizeQuantity     integer     example: 123456     documentOCRTText         string     example: ...     documentTitleText         string     example: Petition     documentTypeDescriptionText string     example: Petition Type     fileDownloadURI          string(\$uri)     example: https://ptab.uspto.gov/doc/100012345     filingPartyCategory       string     example: Petitioner   } </pre>	

```
        mimeTypeIdentifier      string  
        example: application/pdf  
        documentStatus          string  
        example: public  
    }  
    decisionData  
    DecisionData ▶ {  
        statuteAndRuleBag  
        ▶ [  
            example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
            string]  
            string($date)  
            example: 2025-01-15  
            string  
            example: Final Written Decision  
            issueTypeBag  
            ▶ [  
                example: List [ "Substantive", "Procedural" ]  
                string]  
                string  
                example: Denied  
                appealOutcomeCategory  
                string  
                example: Denied  
    }  
}]  
facets  
    ▶ [Facet ▶ {  
        trialTypeCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        trialStatusCategory  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
        statuteAndRuleBag  
        ▶ [FacetItem ▶ {  
            name          string  
            example: IPR  
            quantity      integer  
            example: 16951  
        }]  
    }]  
}
```

400

## Bad Request

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    ▼ {  
      example: 400  
    }  
  error  
    ▼ {  
      example: Bad Request  
    }  
  errorDetails  
    ▼ {  
      example: Invalid request, review patent data request filter section and try again  
    }  
  requestIdentifier  
    ▼ {  
      example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }  
}
```

403

## Forbidden

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404

## Not Found

No links

Media type

**application/json**Example Value | **Schema**

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413

## Payload Too Large

No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;example&gt; 413       &lt;message&gt; string       &lt;example&gt; Payload Too Large       &lt;detailedMessage&gt; string       &lt;example&gt; Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       &lt;requestIdentifier&gt; string       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/code&gt;   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p>Example Value   Schema</p> <pre>     &lt;code&gt;       &lt;code&gt; integer       &lt;example&gt; 500       &lt;error&gt; string       &lt;example&gt; Internal Server Error       &lt;errorDetails&gt; string       &lt;example&gt; Internal Server Error. Please contact Help Desk.       &lt;requestIdentifier&gt; string       &lt;example&gt; 07c5c24d-bf8e-458c-9427-a038500d6e98     &lt;/code&gt;   </pre>	No links

## PTAB Appeals

All public decisions filed in PTAB Appeals



POST
/api/v1/patent/appeals/decisions/search
Search appeals decisions using json payload
🔒 ⏚

**Parameters**

---

No parameters

**Request body** required

application/json ▾

Example Value | Schema

```
PatentSearchRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▼ [string
                    example: Patented Case]
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string
        ]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    facets
        ▼ [
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]
            string
        ]
}
```

## Responses

Code	Description	Links
200	Successful search	No links

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
	<pre> <b>AppealDecisionDataResponse</b> ▼ {     requestIdentifier      string     example: 501eacc7-c785-4d85-96ac-a39f3f5533aa      count                  integer     example: 1      patentAppealDataBag   ▼ [ <b>patentAppealDataBag</b> ▼ {         appealNumber          string         example: 2024518758         lastModifiedDateTime  string         example: 2024-05-05T00:00:00Z         appealDocumentCategory string         example: decision document         appealMetaData         ▼ {             docketNoticeMailedDate  string(\$date)             example: 2024-05-05             appealFilingDate        string(\$date)             example: 2024-05-05             appealLastModifiedDate   string(\$date)             example: 2024-05-05             appealLastModifiedDateTime string(\$date)             example: 2024-05-05T00:00:00Z             applicationTypeCategory string             example: Affirmed-in-Part             fileDownloadURI         string             example: /download         }         appellantData          ▼ {             applicationNumberText string             example: 8357487             counselName             string             example: TARROLL, SUMDHEIM             groupArtUnitNumber      string             example: STIC             inventorName             string             example: Sultan, Tarik et al             realPartyInInterestName string             example: Unicorn Pharmaceuticals             patentNumber              string             example: 4678439             patentOwnerName           string             example: Unicorn Pharmaceuticals             publicationDate           string             example: 2022-05-27             publicationNumber          string             example: 20210628467A1             technologyCenterNumber     string             example: RD00             grantDate                string(\$date)             example: 2022-05-27         }         thirdPartyRequesterData ▼ {             thirdPartyName          string             example: null         }         documentData             ▼ {             documentFilingDate       string             example: 2022-02-26             documentIdentifier        string             example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab             documentName               string             example: Final Decision Document             documentSizeQuantity      integer             example: 102113             documentOCRTText          string             example: Some OCR content         }     } } </pre>	

Code	Description	documentTypeDescriptionText <small>string</small> example: Rehearing fileDownloadURI <small>string</small> example: https://ptab.uspto.gov/appeal/document/downLoad	Links
	<pre>        decisionData     }     &lt;div&gt;         &lt;div&gt;             appealOutcomeCategory <small>string</small>             example: sample             statuteAndRuleBag                 &lt;div&gt;                     &lt;div&gt;                         decisionIssueDate <small>string(\$date)</small>                         example: 2002-02-25                         decisionTypeCategory <small>string</small>                         example: Decision                         issueTypeBag                             &lt;div&gt;                                 &lt;div&gt;                                     &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   ..</pre>		
400	Bad Request	<p>Media type</p> <p>application/json</p> <p>Example Value   Schema</p> <pre>&lt;div&gt;     &lt;div&gt;         &lt;div&gt;             &lt;div&gt;                 &lt;div&gt;                     &lt;div&gt;                         &lt;div&gt;                             &lt;div&gt;                                 &lt;div&gt;                                     &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt;   &lt;div&gt; ..</pre>	No links
403	Forbidden	<p>Media type</p> <p>application/json</p> <p>Example Value   Schema</p> <pre>&lt;div&gt;     &lt;div&gt;         &lt;div&gt;             &lt;div&gt;                 &lt;div&gt;                     &lt;div&gt; ..</pre>	No links

Code	Description	Links
404	Not Found	No links
	<p>Media type</p> <div><p>application/json</p><p>▼</p></div> <p>Example Value   Schema</p> <div><pre>  ▼ {     code          integer     example: 404     error         string     example: Not Found     errorDetails string     example: No matching records found     requestIdentifier string     example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } </pre></div>	
413	Payload Too Large	No links
	<p>Media type</p> <div><p>application/json</p><p>▼</p></div> <p>Example Value   Schema</p> <div><pre>  ▼ {     code          integer     example: 413     message       string     example: Payload Too Large     detailedMessage string     example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size     requestIdentifier string     example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } </pre></div>	
500	Internal Error	No links
	<p>Media type</p> <div><p>application/json</p><p>▼</p></div> <p>Example Value   Schema</p> <div><pre>  ▼ {     code          integer     example: 500     error         string     example: Internal Server Error     errorDetails string     example: Internal Server Error. Please contact Help Desk.     requestIdentifier string     example: 07c5c24d-bf8e-458c-9427-a038500d6e98   } </pre></div>	

GET

/api/v1/patent/appeals/decisions/search Search appeals decisions using query parameters



## Parameters

[Try it out](#)

Name	Description
------	-------------

**q** A search query string which accepts boolean operators (AND, OR, NOT), wildcards (\*), and exact phrases ("").

**Examples:**

No conditions

q

**Example Description**

Empty, No conditions

**sort** Field to be sorted followed by sort order

**Examples:**

No Sort

sort

**Example Description**

No sort option go by default sort

**offset** Position in the dataset of a particular record

*Example : 0*

0

**limit** Limit the number of results returned

*Example : 25*

25

**facets** List of fields names to be faceted upon separated by comma (,)

**Examples:**

No Facets

facets

**Example Description**

Name	Description
fields string (query)	No faceting option  Limits the response by specifying which fields from dataset should be included.  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">All Available Data Set Fields</div>
	<input type="text" value="fields"/>
	<b>Example Description</b>
	Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Filter</div>
	<input type="text" value="filters"/>
	<b>Example Description</b>
	No filter

rangeFilters Filter the data by supplying range of values. Applicable for number and date type fields.

string (query)	<b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Range Filter</div>
	<input type="text" value="rangeFilters"/>

**Example Description**

No range filter

## Responses

Code	Description	Links
200	Successful search  Media type <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div>	No links

Code	Description	Links
	<p>Controls Accept header.</p> <p>Example Value   <a href="#">Schema</a></p>	

```
AppealDecisionDataResponse ▼ {  
    requestIdentifier string  
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa  
    count integer  
    example: 1  
    patentAppealDataBag ▼ [patentAppealDataBag ▼ {  
        appealNumber string  
        example: 2024518758  
        lastModifiedDateTime string  
        example: 2024-05-05T00:00:00Z  
        appealDocumentCategory string  
        example: decision document  
        appealMetaData ▼ {  
            docketNoticeMailedDate string($date)  
            example: 2024-05-05  
            appealFilingDate string($date)  
            example: 2024-05-05  
            appealLastModifiedDate string($date)  
            example: 2024-05-05  
            appealLastModifiedDateTime string($date)  
            example: 2024-05-05T00:00:00Z  
            applicationTypeCategory string  
            example: Affirmed-in-Part  
            fileDownloadURI string  
            example: /download  
        }  
        }  
        appellantData ▼ {  
            applicationNumberText string  
            example: 8357487  
            counselName string  
            example: TARROLL, SUMDHEIM  
            groupArtUnitNumber string  
            example: STIC  
            inventorName string  
            example: Sultan, Tarik et al  
            realPartyInInterestName string  
            example: Unicorn Pharmaceuticals  
            patentNumber string  
            example: 4678439  
            patentOwnerName string  
            example: Unicorn Pharmaceuticals  
            publicationDate string  
            example: 2022-05-27  
            publicationNumber string  
            example: 20210628467A1  
            technologyCenterNumber string  
            example: RD00  
            grantDate string($date)  
            example: 2022-05-27  
        }  
        thirdPartyRequesterData ▼ {  
            thirdPartyName string  
            example: null  
        }  
        documentData ▼ {  
            documentFilingDate string  
            example: 2022-02-26  
            documentIdentifier string  
            example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab  
            documentName string  
            example: Final Decision Document  
            documentSizeQuantity integer  
            example: 102113  
            documentOCRTText string  
            example: Some OCR content  
        }  
    }  
}
```

Code	Description	documentTypeDescriptionText <code>string</code> example: <code>Rehearing</code> fileDownloadURI <code>string</code> example: <code>https://ptab.uspto.gov/appeal/document/download</code>	Links
	<pre>         decisionData         }         &lt;div&gt;&lt;div&gt;         &lt;div&gt; appealOutcomeCategory <code>string</code>         &lt;div&gt; example: <code>sample</code>         &lt;div&gt; statuteAndRuleBag         &lt;div&gt; &lt;div&gt;         &lt;div&gt; example: <code>List [ "37 CFR 42.100", "37 CFR 43.100" ]</code>         &lt;div&gt; string         &lt;div&gt; string(\$date)         &lt;div&gt; example: <code>2002-02-25</code>         &lt;div&gt; string         &lt;div&gt; example: <code>Decision</code>         &lt;div&gt; issueTypeBag         &lt;div&gt; &lt;div&gt;         &lt;div&gt; example: <code>List [ "Substantive", "Procedural" ]</code>         &lt;div&gt; string         &lt;/div&gt;     &lt;/div&gt; } </pre>		
400	<p>Bad Request</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; code &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; example: <code>400</code> &lt;div&gt; string &lt;div&gt; example: <code>Bad Request</code> &lt;div&gt; string &lt;div&gt; example: <code>Invalid request, review patent data request filter section and try again</code> &lt;div&gt; string &lt;div&gt; example: <code>07c5c24d-bf8e-458c-9427-a038500d6e98</code> &lt;/div&gt; </pre>	No links	
403	<p>Forbidden</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; code &lt;div&gt; integer &lt;div&gt; example: <code>403</code> &lt;div&gt; string &lt;div&gt; example: <code>Forbidden</code> &lt;/div&gt; </pre>	No links	

Code	Description	Links
404	Not Found	No links
	<p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code          integer   example: 404   error         string   example: Not Found   errorDetails  string   example: No matching records found   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
413	Payload Too Large	No links
	<p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code          integer   example: 413   message       string   example: Payload Too Large   detailedMessage string   example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
500	Internal Error	No links
	<p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code          integer   example: 500   error         string   example: Internal Server Error   errorDetails  string   example: Internal Server Error. Please contact Help Desk.   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	

POST

/api/v1/patent/appeals/decisions/search/download Download appeals decisions search results in json or csv format using json payload



## Parameters

[Try it out](#)

No parameters

## Request body required

application/json



Download request. Same structure as PatentDownloadRequest.

[Example Value](#) | [Schema](#)

```
DownloadRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▼ [string
                    example: Patented Case]
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string
        ]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    format
        string
        example: json
        Download format. csv or json

        Enum:
        ▼ [ json, csv ]
}
```

## Responses

Code	Description	Links
200	Successful search	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
	<pre> <b>AppealDecisionDataResponse</b> ▼ {     requestIdentifier      string     example: 501eacc7-c785-4d85-96ac-a39f3f5533aa     count                  integer     example: 1     patentAppealDataBag   ▼ [ <b>patentAppealDataBag</b> ▼ {         appealNumber          string         example: 2024518758         lastModifiedDateTime  string         example: 2024-05-05T00:00:00Z         appealDocumentCategory string         example: decision document         appealMetaData         ▼ {             docketNoticeMailedDate  string(\$date)             example: 2024-05-05             appealFilingDate        string(\$date)             example: 2024-05-05             appealLastModifiedDate   string(\$date)             example: 2024-05-05             appealLastModifiedDateTime string(\$date)             example: 2024-05-05T00:00:00Z             applicationTypeCategory string             example: Affirmed-in-Part             fileDownloadURI         string             example: /download         }         appellantData           ▼ {             applicationNumberText string             example: 8357487             counselName             string             example: TARROLL, SUMDHEIM             groupArtUnitNumber      string             example: STIC             inventorName             string             example: Sultan, Tarik et al             realPartyInInterestName string             example: Unicorn Pharmaceuticals             patentNumber              string             example: 4678439             patentOwnerName          string             example: Unicorn Pharmaceuticals             publicationDate          string             example: 2022-05-27             publicationNumber         string             example: 20210628467A1             technologyCenterNumber    string             example: RD00             grantDate                string(\$date)             example: 2022-05-27         }         thirdPartyRequesterData  ▼ {             thirdPartyName          string             example: null         }         documentData             ▼ {             documentFilingDate       string             example: 2022-02-26             documentIdentifier        string             example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab             documentName               string             example: Final Decision Document             documentSizeQuantity      integer             example: 102113             documentOCRTText          string             example: Some OCR content         }     } } </pre>	



Code	Description	Links
404	<p>Not Found</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ▼ {       code          integer       example: 404       error         string       example: Not Found       errorDetails  string       example: No matching records found       requestIdentifier string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>
413	<p>Payload Too Large</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ▼ {       code          integer       example: 413       message       string       example: Payload Too Large       detailedMessage string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ▼ {       code          integer       example: 500       error         string       example: Internal Server Error       errorDetails  string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>

GET

/api/v1/patent/appeals/decisions/search/download Download appeals decisions search results in json or csv format using query parameters



## Parameters

[Try it out](#)

Name	Description
------	-------------

**q** A search query string which accepts boolean operators (AND, OR, NOT), wildcards (\*), and exact phrases ("").

**Examples:**

No conditions

q

**Example Description**

Empty, No conditions

**sort** Field to be sorted followed by sort order

**Examples:**

No Sort

sort

**Example Description**

No sort option go by default sort

**offset** Position in the dataset of a particular record

*Example : 0*

0

**limit** Limit the number of results returned

*Example : 25*

25

**fields** Limits the response by specifying which fields from dataset should be included.

**Examples:**

All Available Data Set Fields

fields

**Example Description**

Name	Description
filters string (query)	Returns all available data set fields Filter data by supplying filter parameter. Provide field name and its value. <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Filter</div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">filters</div>
rangeFilters string (query)	Filter the data by supplying range of values. Applicable for number and date type fields. <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Range Filter</div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">rangeFilters</div>
format string (query)	Download Format <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">json</div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">json</div>

## Responses

Code	Description	Links
200	Successful search  Media type <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <small>Controls Accept header.</small> <a href="#">Example Value</a>   <a href="#">Schema</a>	No links

```
AppealDecisionDataResponse ▼ {  
    requestIdentifier string  
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa  
    count integer  
    example: 1  
    patentAppealDataBag ▼ [patentAppealDataBag ▼ {  
        appealNumber string  
        example: 2024518758  
        lastModifiedDateTime string  
        example: 2024-05-05T00:00:00Z  
        appealDocumentCategory string  
        example: decision document  
        appealMetaData ▼ {  
            docketNoticeMailedDate string($date)  
            example: 2024-05-05  
            appealFilingDate string($date)  
            example: 2024-05-05  
            appealLastModifiedDate string($date)  
            example: 2024-05-05  
            appealLastModifiedDateTime string($date)  
            example: 2024-05-05T00:00:00Z  
            applicationTypeCategory string  
            example: Affirmed-in-Part  
            fileDownloadURI string  
            example: /download  
        }  
        }  
        appellantData ▼ {  
            applicationNumberText string  
            example: 8357487  
            counselName string  
            example: TARROLL, SUMDHEIM  
            groupArtUnitNumber string  
            example: STIC  
            inventorName string  
            example: Sultan, Tarik et al  
            realPartyInInterestName string  
            example: Unicorn Pharmaceuticals  
            patentNumber string  
            example: 4678439  
            patentOwnerName string  
            example: Unicorn Pharmaceuticals  
            publicationDate string  
            example: 2022-05-27  
            publicationNumber string  
            example: 20210628467A1  
            technologyCenterNumber string  
            example: RD00  
            grantDate string($date)  
            example: 2022-05-27  
        }  
        thirdPartyRequesterData ▼ {  
            thirdPartyName string  
            example: null  
        }  
        documentData ▼ {  
            documentFilingDate string  
            example: 2022-02-26  
            documentIdentifier string  
            example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab  
            documentName string  
            example: Final Decision Document  
            documentSizeQuantity integer  
            example: 102113  
            documentOCRTText string  
            example: Some OCR content  
        }  
    }  
}
```

Code	Description	Links
	<pre> documentTypeDescriptionText string example: Rehearing fileDownloadURI string example: https://ptab.uspto.gov/appeal/document/download  } }  decisionData {     appealOutcomeCategory string     example: sample     statuteAndRuleBag [         string         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         example: 2002-02-25     decisionTypeCategory string     example: Decision     issueTypeBag [         string         example: List [ "Substantive", "Procedural" ]         string]     ] } } </pre>	
400	<p>Bad Request</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> {     code {         example: 400     }     error {         example: Bad Request     }     errorDetails {         example: Invalid request, review patent data request filter section and try again     }     requestIdentifier {         example: 07c5c24d-bf8e-458c-9427-a038500d6e98     } } </pre>	No links
403	<p>Forbidden</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> {     code integer     example: 403     error string     example: Forbidden } </pre>	No links

Code	Description	Links
404	Not Found	No links
	<p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code          integer   example: 404   error         string   example: Not Found   errorDetails  string   example: No matching records found   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
413	Payload Too Large	No links
	<p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code          integer   example: 413   message       string   example: Payload Too Large   detailedMessage string   example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
500	Internal Error	No links
	<p>Media type</p> <div><p>application/json</p></div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <div><pre>▼ {   code          integer   example: 500   error         string   example: Internal Server Error   errorDetails  string   example: Internal Server Error. Please contact Help Desk.   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	

GET

/api/v1/patent/appeals/decisions/{documentIdentifier} Retrieve appeals decisions by document Identifier



## Parameters

[Try it out](#)

Name	Description
------	-------------

**documentIdentifier** \* required  
document Identifier.  
string  
(path)  
*Example : 05468ead-25e9-4806-b4ef-ce5585689b80*

05468ead-25e9-4806-b4ef-ce5585689b80

## Responses

Code	Description	Links
200	Appeal decision found	No links

Media type

application/json

Controls Accept header.

Example Value | [Schema](#)

```
AppealDecisionDataResponse ▼ {  
    requestIdentifier string  
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa  
    count integer  
    example: 1  
    patentAppealDataBag ▼ [patentAppealDataBag ▼ {  
        appealNumber string  
        example: 2024518758  
        lastModifiedDateTime string  
        example: 2024-05-05T00:00:00Z  
        appealDocumentCategory string  
        example: decision document  
        appealMetaData ▼ {  
            docketNoticeMailedDate string($date)  
            example: 2024-05-05  
            appealFilingDate string($date)  
            example: 2024-05-05  
            appealLastModifiedDate string($date)  
            example: 2024-05-05  
            appealLastModifiedDateTime string($date)  
            example: 2024-05-05T00:00:00Z  
            applicationTypeCategory string  
            example: Affirmed-in-Part  
            fileDownloadURI string  
            example: /download  
        }  
        }  
        appellantData ▼ {  
            applicationNumberText string  
            example: 8357487  
            counselName string  
            example: TARROLL, SUMDHEIM  
            groupArtUnitNumber string  
            example: STIC  
            inventorName string  
            example: Sultan, Tarik et al  
            realPartyInInterestName string  
            example: Unicorn Pharmaceuticals  
            patentNumber string  
            example: 4678439  
            patentOwnerName string  
            example: Unicorn Pharmaceuticals  
            publicationDate string  
            example: 2022-05-27  
            publicationNumber string  
            example: 20210628467A1  
            technologyCenterNumber string  
            example: RD00  
            grantDate string($date)  
            example: 2022-05-27  
        }  
        thirdPartyRequesterData ▼ {  
            thirdPartyName string  
            example: null  
        }  
        documentData ▼ {  
            documentFilingDate string  
            example: 2022-02-26  
            documentIdentifier string  
            example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab  
            documentName string  
            example: Final Decision Document  
            documentSizeQuantity integer  
            example: 102113  
            documentOCRTText string  
            example: Some OCR content  
        }  
    }  
}
```

Code	Description	documentTypeDescriptionText <code>string</code> example: <code>Rehearing</code> fileDownloadURI <code>string</code> example: <code>https://ptab.uspto.gov/appeal/document/download</code>	Links
	<pre>         decisionData         }         &lt;div&gt;&lt;div&gt;         &lt;div&gt; appealOutcomeCategory <code>string</code>         &lt;div&gt; example: <code>sample</code>         &lt;div&gt; statuteAndRuleBag         &lt;div&gt; &lt;div&gt;         &lt;div&gt; example: <code>List [ "37 CFR 42.100", "37 CFR 43.100" ]</code>         &lt;div&gt; string         &lt;div&gt; string(\$date)         &lt;div&gt; example: <code>2002-02-25</code>         &lt;div&gt; string         &lt;div&gt; example: <code>Decision</code>         &lt;div&gt; issueTypeBag         &lt;div&gt; &lt;div&gt;         &lt;div&gt; example: <code>List [ "Substantive", "Procedural" ]</code>         &lt;div&gt; string       &lt;/div&gt;     &lt;/div&gt;   &lt;/div&gt; } </pre>		
400	<p>Bad Request</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; code &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; example: <code>400</code> &lt;div&gt; string &lt;div&gt; example: <code>Bad Request</code> &lt;div&gt; string &lt;div&gt; example: <code>Invalid request, review patent data request filter section and try again</code> &lt;div&gt; string &lt;div&gt; example: <code>07c5c24d-bf8e-458c-9427-a038500d6e98</code> &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; </pre>	No links	
403	<p>Forbidden</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; code &lt;div&gt; integer &lt;div&gt; example: <code>403</code> &lt;div&gt; string &lt;div&gt; example: <code>Forbidden</code> &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; </pre>	No links	

Code	Description	Links
404	<p>Not Found</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json ▾</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ▼ {       code          integer       example: 404       error         string       example: Not Found       errorDetails  string       example: No matching records found       requestIdentifier string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>
413	<p>Payload Too Large</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json ▾</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ▼ {       code          integer       example: 413       message       string       example: Payload Too Large       detailedMessage string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json ▾</div> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>     ▼ {       code          integer       example: 500       error         string       example: Internal Server Error       errorDetails  string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	<a href="#">No links</a>

GET

/api/v1/patent/appeals/{appealNumber}/decisions Retrieve appeals decisions by appeal number



## Parameters

[Try it out](#)

Name	Description
------	-------------

appealNumber * required	Example : 2024518758
-------------------------	----------------------

string  
(path)

## Responses

Code	Description	Links
------	-------------	-------

200	Appeal decision found	No links
-----	-----------------------	----------

Media type

application/json



Controls Accept header.

[Example Value](#) | [Schema](#)

```

AppealDecisionDataResponse ▼ {
    requestIdentifier      string
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa
    count                  integer
    example: 1
    patentAppealDataBag   ▼ [patentAppealDataBag] ▼ {
        appealNumber          string
        example: 2024518758
        lastModifiedDateTime  string
        example: 2024-05-05T00:00:00Z
        appealDocumentCategory string
        example: decision document
        appealMetaData         ▼ {
            docketNoticeMailedDate  string($date)
            example: 2024-05-05
            appealFilingDate        string($date)
            example: 2024-05-05
            appealLastModifiedDate  string($date)
            example: 2024-05-05
            appealLastModifiedDateTime string($date)
            example: 2024-05-05T00:00:00Z
            applicationTypeCategory string
            example: Affirmed-in-Part
            fileDownloadURI        string
            example: /download
        }
        appellantData          ▼ {
            applicationNumberText string
            example: 8357487
            counselName           string
            example: TARROLL, SUMDHEIM
            groupArtUnitNumber    string
            example: STIC
            inventorName          string
            example: Sultan, Tarik et al
            realPartyInInterestName string
            example: Unicorn Pharmaceuticals
            patentNumber           string
            example: 4678439
            patentOwnerName        string
            example: Unicorn Pharmaceuticals
            publicationDate        string
            example: 2022-05-27
            publicationNumber      string
            example: 20210628467A1
            technologyCenterNumber string
            example: RD00
            grantDate              string($date)
            example: 2022-05-27
        }
        thirdPartyRequesterData ▼ {
            thirdPartyName        string
            example: null
        }
        documentData            ▼ {
            documentFilingDate    string
            example: 2022-02-26
            documentIdentifier    string
            example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab
            documentName           string
            example: Final Decision Document
            documentSizeQuantity   integer
            example: 102113
            documentOCRTText       string
            example: Some OCR content
        }
    }
}

```

Code	Description	documentTypeDescriptionText <code>string</code> example: <code>Rehearing</code> fileDownloadURI <code>string</code> example: <code>https://ptab.uspto.gov/appeal/document/download</code>	Links
	<pre>         decisionData         }         &lt;div&gt;&lt;div&gt;         &lt;div&gt; appealOutcomeCategory <code>string</code>         &lt;div&gt; example: <code>sample</code>         &lt;div&gt; statuteAndRuleBag         &lt;div&gt; &lt;div&gt;         &lt;div&gt; example: <code>List [ "37 CFR 42.100", "37 CFR 43.100" ]</code>         &lt;div&gt; string         &lt;div&gt; string(\$date)         &lt;div&gt; example: <code>2002-02-25</code>         &lt;div&gt; string         &lt;div&gt; example: <code>Decision</code>         &lt;div&gt; issueTypeBag         &lt;div&gt; &lt;div&gt;         &lt;div&gt; example: <code>List [ "Substantive", "Procedural" ]</code>         &lt;div&gt; string       &lt;/div&gt;     &lt;/div&gt;   &lt;/div&gt; } </pre>		
400	<p>Bad Request</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; code &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; example: <code>400</code> &lt;div&gt; string &lt;div&gt; example: <code>Bad Request</code> &lt;div&gt; string &lt;div&gt; example: <code>Invalid request, review patent data request filter section and try again</code> &lt;div&gt; string &lt;div&gt; example: <code>07c5c24d-bf8e-458c-9427-a038500d6e98</code> &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; </pre>	No links	
403	<p>Forbidden</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre> &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; &lt;div&gt; code &lt;div&gt; integer &lt;div&gt; example: <code>403</code> &lt;div&gt; string &lt;div&gt; example: <code>Forbidden</code> &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; </pre>	No links	

Code	Description	Links
404	Not Found	No links
	<p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p> <div><pre>▼ {   code          integer   example: 404   error         string   example: Not Found   errorDetails  string   example: No matching records found   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
413	Payload Too Large	No links
	<p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p> <div><pre>▼ {   code          integer   example: 413   message       string   example: Payload Too Large   detailedMessage string   example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	
500	Internal Error	No links
	<p>Media type</p> <div><p>application/json</p></div> <p>Example Value   Schema</p> <div><pre>▼ {   code          integer   example: 500   error         string   example: Internal Server Error   errorDetails  string   example: Internal Server Error. Please contact Help Desk.   requestIdentifier string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre></div>	

POST

/api/v1/patent/interferences/decisions/search Search interferences decisions using json payload



Request body matches PatentSearchRequest; example tailored for interferences.

## Parameters

[Try it out](#)

No parameters

Request body required

application/json



[Example Value](#) | [Schema](#)

```
PatentSearchRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▼ [string
                    example: Patented Case]
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    facets
        ▼ [
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]
            string]
}
```

## Responses

Code	Description	Links
200	<p>OK</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p>	<i>No links</i>

Code	Description	Links
	<pre> <b>InterferenceDecisionDataResponse</b> ▼ {   count*                                <b>integer(\$int32)</b>   example: 1490    requestIdentifier*                     <b>string</b>   example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce    patentInterferenceDataBag*           ▼ [<b>InterferenceDecisionRecord</b> ▼ {     interferenceNumber*                <b>string</b>     example: 103751      lastModifiedDateTime               <b>string</b>     example: 2025-07-28T21:03:54      interferenceMetaData              ▼ {       interferenceStyleName          <b>string</b>       example: TANG       interferenceLastModifiedDate   <b>string(\$date)</b>       example: 2025-05-05       fileDownloadURI                <b>string</b>       example: /download     }   }    seniorPartyData                      <b>InterferencePartyData</b> ▼ {     applicationNumberText             <b>string</b>     example: 07996817      counselName                       <b>string</b>     example: SMITH, JANE      grantDate                          <b>string(\$date)</b>     example: 2003-09-02      groupArtUnitNumber                <b>string</b>     example: 1763      inventorName                      <b>string</b>     example: TANG      realPartyInInterestName          <b>string</b>     example: TANG      patentNumber                      <b>string</b>     example: 6614529      patentOwnerName                  <b>string</b>     example: TANG      technologyCenterNumber            <b>string</b>     example: 1700      publicationDate                  <b>string(\$date)</b>     example: 2002-01-15      publicationNumber                 <b>string</b>     example: US2002XXXXXXA1   }    juniorPartyData                     <b>InterferencePartyData</b> ▼ {     applicationNumberText             <b>string</b>     example: 07996817      counselName                       <b>string</b>     example: SMITH, JANE      grantDate                          <b>string(\$date)</b>     example: 2003-09-02      groupArtUnitNumber                <b>string</b>     example: 1763      inventorName                      <b>string</b>     example: TANG      realPartyInInterestName          <b>string</b>     example: TANG      patentNumber                      <b>string</b>     example: 6614529      patentOwnerName                  <b>string</b>     example: TANG      technologyCenterNumber            <b>string</b>     example: 1700      publicationDate                  <b>string(\$date)</b>     example: 2002-01-15      publicationNumber                 <b>string</b>     example: US2002XXXXXXA1   } } </pre>	

Code	Description	Links
	<pre> additionalPartyDataBag   ↴ [ ↴ {     applicationNumberText string     example: 07996817     inventorName           string     example: DOE, JOHN     additionalPartyName     string     example: ACME CORP     patentNumber            string     example: 6614529 } decisionDocumentData*   ↴ InterferenceDecisionDocumentData ↴ {     documentFilingDate      string(\$date)     example: 2002-02-01     documentIdentifier       string     example: a1adf3e98f9e07271420b607222b5ad0...     documentName              string     example: jd103751     documentSizeQuantity      integer(\$int64)     example: 45224     documentOCRTText          string     example: The opinion in support of the decision...     documentTitleText         string     example: DECISION-103751     fileDownloadURI           string     example: https://example.org/path/to/document.pdf     statuteAndRuleBag         ↴ [         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         string(\$date)         example: 2002-02-25     decisionIssueDate          string     example: 2002-02-25     decisionTypeCategory        string     example: Decision     issueTypeBag               ↴ [         example: List [ "Substantive", "Procedural" ]         string]         string         example: Interference     interferenceOutcomeCategory string     example: Interference } } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

**GET /api/v1/patent/interferences/decisions/search** Search interferences decisions using query parameters 🔒 ▲

Query interference decisions (decision type/category, party names, date ranges, etc.).

**Parameters** Try it out

Name	Description
q <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").

**Examples:**

No conditions

Name	Description
	<input type="text" value="q"/>
	<b>Example Description</b> Empty, No conditions
sort <b>string</b> (query)	Field to be sorted followed by sort order <b>Examples:</b> <input type="button" value="No Sort"/>
	<input type="text" value="sort"/>
	<b>Example Description</b> No sort option go by default sort
offset <b>integer</b> (query)	Position in the dataset of a particular record <i>Example : 0</i> <input type="text" value="0"/>
limit <b>integer</b> (query)	Limit the number of results returned <i>Example : 25</i> <input type="text" value="25"/>
facets <b>string</b> (query)	List of fields names to be faceted upon separated by comma (,) <b>Examples:</b> <input type="button" value="No Facets"/>
	<input type="text" value="facets"/>
	<b>Example Description</b> No faceting option
fields <b>string</b> (query)	Limits the response by specifying which fields from dataset should be included. <b>Examples:</b> <input type="button" value="All Available Data Set Fields"/>
	<input type="text" value="fields"/>
	<b>Example Description</b>

Name	Description
	Returns all available data set fields
filters	Filter data by supplying filter parameter. Provide field name and its value.
string (query)	<b>Examples:</b> <div><span>No Filter</span></div> <div><span>filters</span></div>
	<b>Example Description</b> No filter
rangeFilters	Filter the data by supplying range of values. Applicable for number and date type fields.
string (query)	<b>Examples:</b> <div><span>No Range Filter</span></div> <div><span>rangeFilters</span></div>
	<b>Example Description</b> No range filter

## Responses

Code	Description	Links
200	OK  Media type <div><span>application/json</span></div> Controls Accept header. <a href="#">Example Value</a>   <a href="#">Schema</a>	<i>No links</i>

Code	Description	Links
	<pre>InterferenceDecisionDataResponse ▼ {     count*                                integer(\$int32)     example: 1490      requestIdentifier*                     string     example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce      patentInterferenceDataBag*           ▼ [InterferenceDecisionRecord ▼ {         interferenceNumber*              string         example: 103751          lastModifiedDateTime            string         example: 2025-07-28T21:03:54          interferenceMetaData           ▼ {             interferenceStyleName      string             example: TANG             interferenceLastModifiedDate string(\$date)             example: 2025-05-05             fileDownloadURI            string             example: /download         }     }      seniorPartyData                      InterferencePartyData ▼ {         applicationNumberText          string         example: 07996817          counselName                   string         example: SMITH, JANE          grantDate                     string(\$date)         example: 2003-09-02          groupArtUnitNumber            string         example: 1763          inventorName                  string         example: TANG          realPartyInInterestName       string         example: TANG          patentNumber                  string         example: 6614529          patentOwnerName               string         example: TANG          technologyCenterNumber         string         example: 1700          publicationDate               string(\$date)         example: 2002-01-15          publicationNumber              string         example: US2002XXXXXXA1     }      juniorPartyData                      InterferencePartyData ▼ {         applicationNumberText          string         example: 07996817          counselName                   string         example: SMITH, JANE          grantDate                     string(\$date)         example: 2003-09-02          groupArtUnitNumber            string         example: 1763          inventorName                  string         example: TANG          realPartyInInterestName       string         example: TANG          patentNumber                  string         example: 6614529          patentOwnerName               string         example: TANG          technologyCenterNumber         string         example: 1700          publicationDate               string(\$date)         example: 2002-01-15          publicationNumber              string         example: US2002XXXXXXA1     } }</pre>	

Code	Description	Links
	<pre> additionalPartyDataBag   ↴ [ ↴ {     applicationNumberText string     example: 07996817     inventorName           string     example: DOE, JOHN     additionalPartyName     string     example: ACME CORP     patentNumber            string     example: 6614529 } decisionDocumentData*   ↴ InterferenceDecisionDocumentData ↴ {     documentFilingDate      string(\$date)     example: 2002-02-01     documentIdentifier       string     example: a1adf3e98f9e07271420b607222b5ad0...     documentName              string     example: jd103751     documentSizeQuantity      integer(\$int64)     example: 45224     documentOCRTText          string     example: The opinion in support of the decision...     documentTitleText         string     example: DECISION-103751     fileDownloadURI           string     example: https://example.org/path/to/document.pdf     statuteAndRuleBag         ↴ [         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         string(\$date)         example: 2002-02-25     decisionIssueDate          string     example: Decision     decisionTypeCategory        string     example: Substantive     issueTypeBag               ↴ [         example: List [ "Substantive", "Procedural" ]         string]         string         example: Interference     interferenceOutcomeCategory string } } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json ▾</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

**POST** /api/v1/patent/interferences/decisions/search/download Download interferences decisions search results in json or csv format using json payload 🔒 ▲

Request body matches PatentDownloadRequest; example tailored for interferences.

**Parameters** Try it out

No parameters

**Request body** required application/json ▾

Example Value | Schema

```
PatentDownloadRequest ▼ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▼ [Filter ▼ {
            description:
                string
                example: applicationMetaData.applicationStatusDescriptionText
            name
            value
                ▼ [string
                    example: Patented Case]
        }]
    rangeFilters
        ▼ [Range ▼ {
            description:
                string
                example: applicationMetaData.grantDate
            field
            valueFrom
            valueTo
                string
                example: 2010-08-04
                string
                example: 2022-08-04
        }]
    sort
        ▼ [Sort ▼ {
            description:
                string($123456789)
                example: applicationMetaData.filingDate
            field
            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC
                Enum:
                    ▼ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▼ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string]
    pagination
        ▼ [Pagination ▼ {
            description:
                Pagination information.
            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start
            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }]
    format
        string
        example: json
        Download format. csv or json
        Enum:
            ▼ [ json, csv ]
}
```

## Responses

Code	Description	Links
200	OK (file or JSON depending on format)	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

Code	Description	Links
	<pre>InterferenceDecisionDataResponse ▼ {     count*                                integer(\$int32)   example: 1490     requestIdentifier*                     string   example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce     patentInterferenceDataBag*           ▼ [InterferenceDecisionRecord ▼ {         interferenceNumber*              string   example: 103751         lastModifiedDateTime             string   example: 2025-07-28T21:03:54         interferenceMetaData            ▼ {             interferenceStyleName       string   example: TANG             interferenceLastModifiedDate string(\$date)   example: 2025-05-05             fileDownloadURI             string   example: /download         }     }     seniorPartyData     InterferencePartyData ▼ {         applicationNumberText          string   example: 07996817         counselName                    string   example: SMITH, JANE         grantDate                      string(\$date)   example: 2003-09-02         groupArtUnitNumber             string   example: 1763         inventorName                   string   example: TANG         realPartyInInterestName        string   example: TANG         patentNumber                   string   example: 6614529         patentOwnerName                string   example: TANG         technologyCenterNumber         string   example: 1700         publicationDate                string(\$date)   example: 2002-01-15         publicationNumber               string   example: US2002XXXXXXA1     }     juniorPartyData     InterferencePartyData ▼ {         applicationNumberText          string   example: 07996817         counselName                    string   example: SMITH, JANE         grantDate                      string(\$date)   example: 2003-09-02         groupArtUnitNumber             string   example: 1763         inventorName                   string   example: TANG         realPartyInInterestName        string   example: TANG         patentNumber                   string   example: 6614529         patentOwnerName                string   example: TANG         technologyCenterNumber         string   example: 1700         publicationDate                string(\$date)   example: 2002-01-15         publicationNumber               string   example: US2002XXXXXXA1     } } </pre>	

Code	Description	Links
	<pre> additionalPartyDataBag   ↴ [ ↴ {     applicationNumberText string     example: 07996817     inventorName           string     example: DOE, JOHN     additionalPartyName     string     example: ACME CORP     patentNumber            string     example: 6614529 } decisionDocumentData*   ↴ InterferenceDecisionDocumentData ↴ {     documentFilingDate      string(\$date)     example: 2002-02-01     documentIdentifier       string     example: a1adf3e98f9e07271420b607222b5ad0...     documentName              string     example: jd103751     documentSizeQuantity      integer(\$int64)     example: 45224     documentOCRTText          string     example: The opinion in support of the decision...     documentTitleText         string     example: DECISION-103751     fileDownloadURI           string     example: https://example.org/path/to/document.pdf     statuteAndRuleBag         ↴ [         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         string(\$date)         example: 2002-02-25     decisionIssueDate          string     example: 2002-02-25     decisionTypeCategory        string     example: Decision     issueTypeBag               ↴ [         example: List [ "Substantive", "Procedural" ]         string]         string         example: Interference     interferenceOutcomeCategory string     example: Interference } } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 413       message: string       example: Payload Too Large       detailedMessage: string       example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	
500	<p>Internal Error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>     {       code: integer       example: 500       error: string       example: Internal Server Error       errorDetails: string       example: Internal Server Error. Please contact Help Desk.       requestIdentifier: string       example: 07c5c24d-bf8e-458c-9427-a038500d6e98     }   </pre>	No links

**GET /api/v1/patent/interferences/decisions/search/download** Download interferences decisions search results in json or csv format using query parameters 🔒 ▲

Same parameters as search; add **format** for export type.

**Parameters** **Try it out**

Name	Description
<b>q</b> <small>string (query)</small>	A search query string which accepts boolean operators (AND, OR, NOT), wildcards (*), and exact phrases ("").
<b>Examples:</b>	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No conditions</div>

Name	Description
	<p>q</p> <p><b>Example Description</b></p> <p>Empty, No conditions</p>
sort string (query)	<p>Field to be sorted followed by sort order</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Sort</div> <p>sort</p> <p><b>Example Description</b></p> <p>No sort option go by default sort</p>
offset integer (query)	<p>Position in the dataset of a particular record</p> <p><i>Example : 0</i></p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">0</div>
limit integer (query)	<p>Limit the number of results returned</p> <p><i>Example : 25</i></p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">25</div>
facets string (query)	<p>List of fields names to be faceted upon separated by comma (,)</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Facets</div> <p>facets</p> <p><b>Example Description</b></p> <p>No facetting option</p>
fields string (query)	<p>Limits the response by specifying which fields from dataset should be included.</p> <p><b>Examples:</b></p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">All Available Data Set Fields</div> <p>fields</p> <p><b>Example Description</b></p>

Name	Description
	Returns all available data set fields
filters string (query)	Filter data by supplying filter parameter. Provide field name and its value.  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Filter</div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">filters</div>
	<b>Example Description</b> No filter
rangeFilters string (query)	Filter the data by supplying range of values. Applicable for number and date type fields.  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">No Range Filter</div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">rangeFilters</div>
	<b>Example Description</b> No range filter
format string (query)	Download Format  <b>Examples:</b> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">json</div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">json</div>

## Responses

Code	Description	Links
200	OK (file or JSON depending on format)  Media type <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <small>Controls Accept header.</small>	No links

[Example Value](#) | [Schema](#)

Code	Description	Links
	<pre> <b>InterferenceDecisionDataResponse</b> ✓ {     count*                                <b>integer</b>(\$int32)     example: 1490      requestIdentifier*                    <b>string</b>     example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce      patentInterferenceDataBag*          ✓ [ <b>InterferenceDecisionRecord</b> ✓ {         interferenceNumber*              <b>string</b>         example: 103751          lastModifiedDateTime            <b>string</b>         example: 2025-07-28T21:03:54          interferenceMetaData           ✓ {             interferenceStyleName       <b>string</b>             example: TANG             interferenceLastModifiedDate <b>string</b>(\$date)             example: 2025-05-05             fileDownloadURI             <b>string</b>             example: /download         }     }      seniorPartyData                     <b>InterferencePartyData</b> ✓ {         applicationNumberText          <b>string</b>         example: 07996817          counselName                   <b>string</b>         example: SMITH, JANE          grantDate                      <b>string</b>(\$date)         example: 2003-09-02          groupArtUnitNumber            <b>string</b>         example: 1763          inventorName                  <b>string</b>         example: TANG          realPartyInInterestName       <b>string</b>         example: TANG          patentNumber                  <b>string</b>         example: 6614529          patentOwnerName               <b>string</b>         example: TANG          technologyCenterNumber         <b>string</b>         example: 1700          publicationDate               <b>string</b>(\$date)         example: 2002-01-15          publicationNumber             <b>string</b>         example: US2002XXXXXXA1     }      juniorPartyData                   <b>InterferencePartyData</b> ✓ {         applicationNumberText          <b>string</b>         example: 07996817          counselName                   <b>string</b>         example: SMITH, JANE          grantDate                      <b>string</b>(\$date)         example: 2003-09-02          groupArtUnitNumber            <b>string</b>         example: 1763          inventorName                  <b>string</b>         example: TANG          realPartyInInterestName       <b>string</b>         example: TANG          patentNumber                  <b>string</b>         example: 6614529          patentOwnerName               <b>string</b>         example: TANG          technologyCenterNumber         <b>string</b>         example: 1700          publicationDate               <b>string</b>(\$date)         example: 2002-01-15          publicationNumber             <b>string</b>         example: US2002XXXXXXA1     } } </pre>	

Code	Description	Links
	<pre> additionalPartyDataBag   ↴ [ ↴ {     applicationNumberText string     example: 07996817     inventorName           string     example: DOE, JOHN     additionalPartyName     string     example: ACME CORP     patentNumber            string     example: 6614529 } decisionDocumentData*   ↴ InterferenceDecisionDocumentData ↴ {     documentFilingDate      string(\$date)     example: 2002-02-01     documentIdentifier       string     example: a1adf3e98f9e07271420b607222b5ad0...     documentName              string     example: jd103751     documentSizeQuantity      integer(\$int64)     example: 45224     documentOCRTText          string     example: The opinion in support of the decision...     documentTitleText         string     example: DECISION-103751     fileDownloadURI           string     example: https://example.org/path/to/document.pdf     statuteAndRuleBag         ↴ [         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         string(\$date)         example: 2002-02-25     decisionIssueDate          string     example: Decision     decisionTypeCategory        string     example: Substantive     issueTypeBag               ↴ [         example: List [ "Substantive", "Procedural" ]         string]         string         example: Interference     interferenceOutcomeCategory string } } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```
▼ {  
  code: integer  
    example: 413  
  message: string  
    example: Payload Too Large  
  detailedMessage: string  
    example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size  
  requestIdentifier: string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

500

Internal Error

No links

Media type

application/json



Example Value | Schema

```
▼ {  
  code: integer  
    example: 500  
  error: string  
    example: Internal Server Error  
  errorDetails: string  
    example: Internal Server Error. Please contact Help Desk.  
  requestIdentifier: string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

GET

/api/v1/patent/interferences/{interferenceNumber}/decisions Retrieve interferences decisions by interference number



Returns one or more interference decision records for the provided `interferenceNumber`.

#### Parameters

Try it out

Name	Description
------	-------------

**interferenceNumber** \* required Interference number (e.g., 103751).

string  
(path)

interferenceNumber

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

```
InterferenceDecisionDataResponse ▼ {  
    count* integer($int32)  
    example: 1490  
    requestIdentifier* string  
    example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce  
    patentInterferenceDataBag* ▼ [InterferenceDecisionRecord ▼ {  
        interferenceNumber* string  
        example: 103751  
        lastModifiedDateTime string  
        example: 2025-07-28T21:03:54  
        interferenceMetaData ▼ {  
            interferenceStyleName string  
            example: TANG  
            interferenceLastModifiedDateString($date)  
            example: 2025-05-05  
            fileDownloadURI string  
            example: /download  
        }  
        seniorPartyData InterferencePartyData ▼ {  
            applicationNumberText string  
            example: 07996817  
            counselName string  
            example: SMITH, JANE  
            grantDate string($date)  
            example: 2003-09-02  
            groupArtUnitNumber string  
            example: 1763  
            inventorName string  
            example: TANG  
            realPartyInInterestName string  
            example: TANG  
            patentNumber string  
            example: 6614529  
            patentOwnerName string  
            example: TANG  
            technologyCenterNumber string  
            example: 1700  
            publicationDate string($date)  
            example: 2002-01-15  
            publicationNumber string  
            example: US2002XXXXXXA1  
        }  
        juniorPartyData InterferencePartyData ▼ {  
            applicationNumberText string  
            example: 07996817  
            counselName string  
            example: SMITH, JANE  
            grantDate string($date)  
            example: 2003-09-02  
            groupArtUnitNumber string  
            example: 1763  
            inventorName string  
            example: TANG  
            realPartyInInterestName string  
            example: TANG  
            patentNumber string  
            example: 6614529  
            patentOwnerName string  
            example: TANG  
            technologyCenterNumber string  
            example: 1700  
            publicationDate string($date)  
            example: 2002-01-15  
            publicationNumber string  
            example: US2002XXXXXXA1  
        }  
    }  
}
```

Code	Description	Links
	<pre> additionalPartyDataBag   ↴ [ ↴ {     applicationNumberText string     example: 07996817     inventorName           string     example: DOE, JOHN     additionalPartyName     string     example: ACME CORP     patentNumber            string     example: 6614529 } decisionDocumentData*   ↴ InterferenceDecisionDocumentData ↴ {     documentFilingDate      string(\$date)     example: 2002-02-01     documentIdentifier       string     example: a1adf3e98f9e07271420b607222b5ad0...     documentName              string     example: jd103751     documentSizeQuantity      integer(\$int64)     example: 45224     documentOCRTText          string     example: The opinion in support of the decision...     documentTitleText         string     example: DECISION-103751     fileDownloadURI           string     example: https://example.org/path/to/document.pdf     statuteAndRuleBag         ↴ [         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         string(\$date)         example: 2002-02-25     decisionIssueDate          string     example: Decision     decisionTypeCategory        string     example: Substantive     issueTypeBag               ↴ [         example: List [ "Substantive", "Procedural" ]         string]         string         example: Interference     interferenceOutcomeCategory string } } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
------	-------------	-------

Media type

application/json



Example Value | Schema

```

{
  code: integer
    example: 413
  message: string
    example: Payload Too Large
  detailedMessage: string
    example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size
  requestIdentifier: string
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98
}
  
```

500

Internal Error

No links

Media type

application/json



Example Value | Schema

```

{
  code: integer
    example: 500
  error: string
    example: Internal Server Error
  errorDetails: string
    example: Internal Server Error. Please contact Help Desk.
  requestIdentifier: string
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98
}
  
```

GET

/api/v1/patent/interferences/decisions/{documentIdentifier} Retrieve interferences decisions by document identifier



Returns a single interference decision document for the provided **documentIdentifier**.

#### Parameters

Try it out

Name	Description
------	-------------

**documentIdentifier** \* required Unique document identifier (opaque string).

string  
(path)

documentIdentifier

## Responses

Code	Description	Links
200	OK	<i>No links</i>

Media type

application/json

▼

Controls Accept header.

Example Value | Schema

```
InterferenceDecisionDataResponse ▼ {  
    count* integer($int32)  
    example: 1490  
    requestIdentifier* string  
    example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce  
    patentInterferenceDataBag* ▼ [InterferenceDecisionRecord ▼ {  
        interferenceNumber* string  
        example: 103751  
        lastModifiedDateTime string  
        example: 2025-07-28T21:03:54  
        interferenceMetaData ▼ {  
            interferenceStyleName string  
            example: TANG  
            interferenceLastModifiedDateString($date)  
            example: 2025-05-05  
            fileDownloadURI string  
            example: /download  
        }  
        seniorPartyData InterferencePartyData ▼ {  
            applicationNumberText string  
            example: 07996817  
            counselName string  
            example: SMITH, JANE  
            grantDate string($date)  
            example: 2003-09-02  
            groupArtUnitNumber string  
            example: 1763  
            inventorName string  
            example: TANG  
            realPartyInInterestName string  
            example: TANG  
            patentNumber string  
            example: 6614529  
            patentOwnerName string  
            example: TANG  
            technologyCenterNumber string  
            example: 1700  
            publicationDate string($date)  
            example: 2002-01-15  
            publicationNumber string  
            example: US2002XXXXXXA1  
        }  
        juniorPartyData InterferencePartyData ▼ {  
            applicationNumberText string  
            example: 07996817  
            counselName string  
            example: SMITH, JANE  
            grantDate string($date)  
            example: 2003-09-02  
            groupArtUnitNumber string  
            example: 1763  
            inventorName string  
            example: TANG  
            realPartyInInterestName string  
            example: TANG  
            patentNumber string  
            example: 6614529  
            patentOwnerName string  
            example: TANG  
            technologyCenterNumber string  
            example: 1700  
            publicationDate string($date)  
            example: 2002-01-15  
            publicationNumber string  
            example: US2002XXXXXXA1  
        }  
    }  
}
```

Code	Description	Links
	<pre> additionalPartyDataBag   ↴ [ ↴ {     applicationNumberText string     example: 07996817     inventorName           string     example: DOE, JOHN     additionalPartyName     string     example: ACME CORP     patentNumber            string     example: 6614529 } decisionDocumentData*   ↴ InterferenceDecisionDocumentData ↴ {     documentFilingDate      string(\$date)     example: 2002-02-01     documentIdentifier       string     example: a1adf3e98f9e07271420b607222b5ad0...     documentName              string     example: jd103751     documentSizeQuantity      integer(\$int64)     example: 45224     documentOCRTText          string     example: The opinion in support of the decision...     documentTitleText         string     example: DECISION-103751     fileDownloadURI           string     example: https://example.org/path/to/document.pdf     statuteAndRuleBag         ↴ [         example: List [ "37 CFR 42.100", "37 CFR 43.100" ]         string]         string(\$date)         example: 2002-02-25     decisionIssueDate          string     example: Decision     decisionTypeCategory        string     example: Substantive     issueTypeBag               ↴ [         example: List [ "Substantive", "Procedural" ]         string]         string         example: Interference     interferenceOutcomeCategory string } } } </pre>	

400 Bad Request No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    ▼ {  
      }  
    example: 400  
  error  
    ▼ {  
    }  
    example: Bad Request  
  errorDetails  
    ▼ {  
    }  
    example: Invalid request, review patent data request filter section and try again  
  requestIdentifier  
    ▼ {  
    }  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

403 Forbidden No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 403  
  error  
    string  
    example: Forbidden  
}
```

404 Not Found No links

Media type

application/json



[Example Value](#) | [Schema](#)

```
▼ {  
  code  
    integer  
    example: 404  
  error  
    string  
    example: Not Found  
  errorDetails  
    string  
    example: No matching records found  
  requestIdentifier  
    string  
    example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
}
```

413 Payload Too Large No links

Code	Description	Links
	<p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p> <pre>▼ {   code: integer   example: 413   message: string   example: Payload Too Large   detailedMessage: string   example: Response payload exceeds allowed limit of 6MB, please refine your search criteria or reduce payload size by reducing page size   requestIdentifier: string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	
500	<p>Internal Error</p> <p>Media type</p> <p><b>application/json</b> ▾</p> <p>Example Value   Schema</p> <pre>▼ {   code: integer   example: 500   error: string   example: Internal Server Error   errorDetails: string   example: Internal Server Error. Please contact Help Desk.   requestIdentifier: string   example: 07c5c24d-bf8e-458c-9427-a038500d6e98 }</pre>	No links

Schemas	^

```
PatentSearchRequest ▾ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▾ [Filter ▾ {
            description: Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▾ [string]
                example: Patented Case
        }]
    rangeFilters
        ▾ [Range ▾ {
            description: Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▾ [Sort ▾ {
            description: Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▾ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▾ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string]
    pagination
        Pagination ▾ {
            description: Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }
    facets
        ▾ [
            example: List [ "applicationMetaData.applicationTypeLabelName", "applicationMetaData.applicationStatusCode" ]
            string]
}
```

```
PatentDownloadRequest ▾ {
    q
        string
        example: applicationMetaData.applicationTypeLabelName:Utility
        Search by field value or pass opensearch string query syntax

    filters
        ▾ [Filter ▾ {
            description: Add filters to your search request by providing filter name and filter value where name in filter request some field in data set.

            name
                string
                example: applicationMetaData.applicationStatusDescriptionText

            value
                ▾ [string]
                example: Patented Case
        }]
    rangeFilters
        ▾ [Range ▾ {
            description: Range filter. Provide field from dataset and valueFrom and valueTo. If range filter is for date field, date must be in "yyyy-MM-dd" format

            field
                string
                example: applicationMetaData.grantDate

            valueFrom
                string
                example: 2010-08-04

            valueTo
                string
                example: 2022-08-04
        }]
    sort
        ▾ [Sort ▾ {
            description: Sort you search result by providing field to be sorted and sort order

            field
                string($123456789)
                example: applicationMetaData.filingDate

            order
                string
                example: desc
                Sort order. e.g. Asc, ASC, Desc, desc, DESC

                Enum:
                ▾ [ Asc, asc, Desc, desc ]
        }]
    fields
        ▾ [
            example: List [ "applicationNumberText", "correspondenceAddressBag", "applicationMetaData.filingDate" ]
            string]
    pagination
        Pagination ▾ {
            description: Pagination information.

            offset
                integer($int32)
                minimum: 0
                example: 0
                default: 0
                Start

            limit
                integer($int32)
                minimum: 1
                default: 25
                example: 25
                Maximum number of patent records to be returned in response
        }
    format
        string
        example: json
        Download format. csv or json

        Enum:
        ▾ [ json, csv ]
}
}
```

```

PatentDataResponse ▼ {
  description: This json structure represents all data fields possible for a patent application. Not all fields mentioned here will be returned in API response, only fields that have data should present in the response.

  count          integer
  example: 1

  patentFileWrapperDataBag ▼ [ ▼ {
    applicationNumberText   string
    example: 14104993
    Free format of application number

    applicationMetaData ▼ {
      description: Represents patent application meta data properties

      nationalStageIndicator boolean
      Indicates whether this application is a national application which entered the national stage from an international PCT application

      entityStatusData ▼ {
        description: Indicates the applicant's entity status
        smallEntityStatusIndicator boolean
        Indicates whether the applicant qualifies for small entity status
        businessEntityStatusCategory string
        example: Undiscounted
        Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee
      }

      publicationDateBag ▼ [ string($yyyy-MM-dd)
      example: 2014-06-19]
      ▼ [ string
      example: 167116]
      ▼ [ string
      example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ]]
      string
      example: 12GR10425US01/859063.688
      string
      example: Y
      string
      example: STMicroelectronics S.A.
      string
      example: Pascal Chevalier
      number
      example: 1061
      string($yyyy-MM-dd)
      example: 2016-05-18
      string
      example: Patented Case
      string($yyyy-MM-dd)
      example: 2012-12-19
      The date assigned by the Patent Office that identifies when an application meets certain criteria to qualify as having been filed. Refers to ST.9 INID Code 22.

      effectiveFilingDate string($yyyy-MM-dd)
      example: 2013-12-12
      The date according to PTO criteria that the patent case qualified as having been 'filed'. The effective filing date is the same or later than the Filing Date. The filing date can be changed due to a subsequent action on an application patent case.

      grantDate string($yyyy-MM-dd)
      example: 2016-06-07
      string
      example: TTAB
      GAU Code

      groupArtUnitNumber string

      applicationTypeCode string
    }
  }
}

```

		<i>example: UTL</i> Code corresponding to Utility, Plant, Design, or Reissue
applicationTypeLabelName	<b>string</b>	
applicationTypeCategory	<b>string</b>	
inventionTitle	<b>string</b>	<i>example: electronics</i>
patentNumber	<b>string</b>	<i>example: HETEROJUNCTION BIPOLAR TRANSISTOR</i>
applicationStatusCode	<b>integer</b>	<i>example: 9362380</i>
earliestPublicationNumber	<b>string</b>	<i>example: 150</i> <i>example: US 2014-0167116 A1</i> Publication number corresponding to the earliest publication
earliestPublicationDate	<b>string(\$yyyy-MM-dd)</b>	<i>example: 2014-06-19</i>
pctPublicationNumber	<b>string</b>	<i>example: WO 2009/064413</i> The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO).
pctPublicationDate	<b>string(\$yyyy-MM-dd)</b>	<i>example: 2016-12-16</i>
internationalRegistrationPublicationDate	<b>string(\$yyyy-MM-dd)</b>	<i>example: 2016-12-16</i> The date that the IPR is published by the International Bureau
internationalRegistrationNumber	<b>string</b>	<i>example: DM/091304</i> The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register
examinerNameText	<b>string</b>	<i>example: HUI TSAI JEY</i> Name of patent examiner
class	<b>string</b>	<i>example: 257</i> The first hierarchical level in the USPC classification schedule
subclass	<b>string</b>	<i>example: 197000</i> The second highest hierarchical level in the USP C classification schedule
uspcSymbolText	<b>string</b>	<i>example: 257/197000</i> The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule
customerNumber	<b>integer</b>	<i>example: 38106</i> Correspondence address of the application inherited from the customer.
cpcClassificationBag	▼ [	<i>example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ]</i> Collection of Classifications for CPC
applicantBag	<b>string]</b>	
	▼ [ ▼ {	
	applicantNameText	<b>string</b>
	firstName	<b>string</b>
	middleName	<b>string</b>
	lastName	<b>string</b>
	preferredName	<b>string</b>
		<i>example: John Smith</i>
		<i>example: John</i>
		<i>example: P</i>
		<i>example: Smith</i>
		<i>example: John Smith</i>

```

namePrefix      string
               example: Mr.
nameSuffix      string
               example: Jr.
countryCode     string
               example: US
correspondenceAddressBag
  < [ < {
    nameLineOneText   string
               example: STMicroelectronics S.A.
    nameLineTwoText   string
               example: Electronics
    geographicRegionName string
               example: MN
    geographicRegionCode  string
               example: Minnesota
    cityName          string
               example: Montrouge
    countryCode        string
               example: FR
    countryName        string
               example: FRANCE
    postalAddressCategory string
               example: commercial
  > ]
inventorBag
  < [ < {
    firstName         string
               example: John
    middleName        string
               example: K
    lastName          string
               example: Smith
    namePrefix        string
               example: Mr.
    nameSuffix        string
               example: Sr.
    preferredName     string
               example: John Smith
    countryCode        string
               example: US
    inventorNameText  string
               example: Pascal Chevalier
    correspondenceAddressBag
      < [ < {
        nameLineOneText   string
               example: Pascal Chevalier
        nameLineTwoText   string
               example: Name Two
        geographicRegionName string
               example: Region Name
        geographicRegionCode  string
               example: FR
        cityName          string
               example: Chapareillan
        countryCode        string
               example: FR
        countryName        string
               example: FRANCE
        postalAddressCategory string
               example: commercial
      > ]
  > ]
correspondenceAddressBag
  > [
    Collection of correspondences
    < {
      nameLineOneText   string
               example: Seed IP Law Group LLP/ST (EP ORIGINATING)
      nameLineTwoText   string
               example: Attn- IP Docket
    }
  ]

```

```
addressLineOneText  string  
example: 701 FIFTH AVENUE, SUITE 5400  
addressLineTwoText string  
example: Suite 501  
geographicRegionName string  
example: WASHINGTON  
geographicRegionCode string  
example: WA  
postalCode          string  
example: 98104-7092  
cityName            string  
example: SEATTLE  
countryCode          string  
example: US  
countryName          string  
example: USA  
postalAddressCategory string  
example: commercial  
}  
]  
assignmentBag  
  [Assignment ▼ {  
    description:           The collection of national assignments related to a patent  
    reelNumber             string  
    example: 60620  
    1-6 digit number identifies the reel number to be used to locate the assignment on microfilm.  
    frameNumber            string  
    example: 769  
    1-4 digit number that identifies the frame number to be used to locate the first image(page) of the assignment on microfilm.  
    reelAndFrameNumber     string  
    example: 60620/769  
    pageTotalQuantity      integer  
    example: 16  
    imageAvailableStatusCode boolean  
    example: false  
    assignmentDocumentLocationURI string  
    example: https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf  
    assignmentReceivedDate  string($yyyy-MM-dd)  
    example: 2022-07-11  
    assignmentRecordedDate  string($yyyy-MM-dd)  
    example: 2022-07-11  
    assignmentMailedDate    string($yyyy-MM-dd)  
    example: 2022-07-28  
    The date an assignment request was mailed to the office or received by the office  
    conveyanceText          string  
    example: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).  
    A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions include: assignment, security agreement, merger, change of name, license, foreclosure, lien,  
  assignorBag  
    ▼ [ ▼ {  
      assignorName          string  
      example: STMICROELECTRONICS SA  
      executionDate         string($yyyy-MM-dd)  
      example: 2022-06-30  
    }]  
  assigneeBag  
    ▼ [ ▼ {  
      assigneeNameText       string  
      example: STMICROELECTRONICS SA  
      assigneeAddress         ▼ {  
        addressLineOneText    string  
        example: CHEMIN DU CHAMP-DES-FILLES 39  
        addressLineTwoText     string  
        example: 1228 PLAN-LES-OUATES  
        addressLineThreeText   string  
        example: null  
        addressLineFourText    string  
        example: null
```

```

    }
}

correspondenceAddress
  ]
  [
    {
      correspondentNameText: string
      example: STMICROELECTRONICS, INC.
      addressLineOneText: string
      example: 750 CANYON DRIVE
      addressLineTwoText: string
      example: SUITE 300
      addressLineThreeText: string
      example: COPPELL, TX 75019
      addressLineFourText: string
      example: Address Line Four
    }
  ]
}

domesticRepresentative
  [
    {
      description: US representative for foreign entity
      name: string
      example: null
      addressLineOneText: string
      example: null
      addressLineTwoText: string
      example: null
      addressLineThreeText: string
      example: null
      addressLineFourText: string
      example: null
      cityName: string
      example: null
      postalCode: string
      example: null
      geographicRegionName: string
      example: null
      countryName: string
      example: null
      emailAddress: string
      example: null
      lastIngestionDateTime: string
      example: OrderedMap {}
    }
  ]
}

recordAttorney
  ]
}

RecordAttorney
  description: An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.

  customerNumberCorrespondenceData
    [
      {
        description: Correspondence address of the application inherited from the customer.
        patronIdentifier: number
        example: 38106
        organizationStandardName: string
        example: null
        powerOfAttorneyAddressBag
          [
            [
              {
                nameLineOneText: string
                example: Food IP Law Group LLP/STMicroelectronics
              }
            ]
          ]
      }
    ]
}

```

```
example: SEED IP LAW GROUP LLP/SMARTCROFTELECTRONICS
string
example: 701 FIFTH AVENUE, SUITE 5400
string
example: Sample Line Two
string
example: WASHINGTON
string
example: WA
string
example: 98104-7092
string
example: SEATTLE
string
example: US
string
example: UNITED STATES
}]
telecommunicationAddressBag
  telecommunicationNumber string
    example: 206-622-4900
  extensionNumber string
    example: 409
  telecomTypeCode string
    example: TEL
]
}
powerOfAttorneyBag
  firstName string
    example: DANIEL
  middleName string
    example: D
  lastName string
    example: O'BRIEN
  namePrefix string
    example: Dr
  nameSuffix string
    example: Jr.
  preferredName string
  countryCode string
  registrationNumber string
    example: US
    example: 65545
  activeIndicator string
    example: ACTIVE
  registeredPractitionerCategory string
    example: ATTNY
  attorneyAddressBag
    nameLineOneText string
      example: SEED IP LAW GROUP LLP
    nameLineTwoText string
      example: STOCKTON
    addressLineOneText string
      example: 701 FIFTH AVENUE
    addressLineTwoText string
      example: SUITE 5400
    geographicRegionName string
      example: WASHINGTON
    geographicRegionCode string
      example: WA
    postalCode string
      example: 98104
    cityName string
      example: SEATTLE
    countryCode string
      example: US
    countryName string
      example: UNITED STATES
  ]
  telecommunicationAddressBag
    telecommunicationNumber string
```

```
extensionNumber      example: 206-622-4900
string
example: 243
string
example: TEL
}]
}
attorneyBag
  [
    {
      firstName          string
      example: DANIEL
      middleName         string
      example: D
      lastName           string
      example: O'BRIEN
      namePrefix          string
      example: Dr
      nameSuffix          string
      example: Jr.
      registrationNumber string
      example: 65545
      activeIndicator     string
      example: ACTIVE
      registeredPractitionerCategory string
      attorneyAddressBag
        [
          {
            nameLineOneText      string
            example: KILPATRICK TOWNSEND & STOCKTON, LLP
            nameLineTwoText       string
            example: TOWNSEND
            addressLineOneText    string
            example: 1100 PEACHTREE STREET NE
            addressLineTwoText    string
            example: SUITE 2800
            geographicRegionName  string
            example: GEORGIA
            geographicRegionCode   string
            example: GA
            postalCode             string
            example: 30309
            cityName               string
            example: ATLANTA
            countryCode             string
            example: US
            countryName             string
            example: UNITED STATES
          }
        ]
      telecommunicationAddressBag
        [
          {
            telecommunicationNumber string
            example: 206-622-4900
            extensionNumber         string
            example: 243
            telecomTypeCode          string
            example: TEL
          }
        ]
    }
  ]
}

foreignPriorityBag
  [
    {
      ForeignPriority
        [
          ipOfficeName      string
          example: FRANCE
          filingDate         string($yyyy-MM-dd)
          example: 2012-12-19
          applicationNumberText string
          example: 1262321
        ]
    }
  ]
parentContinuityBag
  [
    {
      ParentContinuityData
        [
          firstInventorToFileIndicator boolean
          example: true
          Indicates first inventor to file.
          parentApplicationStatusCode integer
        ]
    }
  ]
}
```

parentPatentNumber	<b>example:</b> 159 <b>string</b> <b>example:</b> 8968299																		
parentApplicationStatusDescriptionText	<b>string</b> <b>example:</b> Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362																		
parentApplicationFilingDate	<b>string(\$yyyy-MM-dd)</b> <b>example:</b> 2012-05-23																		
parentApplicationNumberText	<b>string</b> <b>example:</b> 123123133																		
childApplicationNumberText	<b>string</b> <b>example:</b> 10121016																		
claimParentageTypeCode	<b>string</b> <b>example:</b> CODE																		
claimParentageTypeCodeDescriptionText	<b>string</b> <b>example:</b> Claims priority from a provisional application																		
}]																			
childContinuityBag	<p>✓ [ChildContinuityData ↴ {</p> <table> <tr> <td>childApplicationStatusCode</td><td><b>number</b> <b>example:</b> 150</td></tr> <tr> <td>parentApplicationNumberText</td><td><b>string</b> <b>example:</b> 14104993</td></tr> <tr> <td>childApplicationNumberText</td><td><b>string</b> <b>example:</b> 14853719 Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt</td></tr> <tr> <td>childApplicationStatusDescriptionText</td><td><b>string</b> <b>example:</b> Patented Case</td></tr> <tr> <td>childApplicationFilingDate</td><td><b>string(\$yyyy-MM-dd)</b> <b>example:</b> 2015-09-14</td></tr> <tr> <td>firstInventorToFileIndicator</td><td><b>boolean</b> <b>example:</b> false</td></tr> <tr> <td>childPatentNumber</td><td><b>string</b> <b>example:</b> 9704967</td></tr> <tr> <td>claimParentageTypeCode</td><td><b>string</b> <b>example:</b> DIV</td></tr> <tr> <td>claimParentageTypeCodeDescriptionText</td><td><b>string</b> <b>example:</b> Claims priority from a provisional application</td></tr> </table> <p>}]</p>	childApplicationStatusCode	<b>number</b> <b>example:</b> 150	parentApplicationNumberText	<b>string</b> <b>example:</b> 14104993	childApplicationNumberText	<b>string</b> <b>example:</b> 14853719 Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt	childApplicationStatusDescriptionText	<b>string</b> <b>example:</b> Patented Case	childApplicationFilingDate	<b>string(\$yyyy-MM-dd)</b> <b>example:</b> 2015-09-14	firstInventorToFileIndicator	<b>boolean</b> <b>example:</b> false	childPatentNumber	<b>string</b> <b>example:</b> 9704967	claimParentageTypeCode	<b>string</b> <b>example:</b> DIV	claimParentageTypeCodeDescriptionText	<b>string</b> <b>example:</b> Claims priority from a provisional application
childApplicationStatusCode	<b>number</b> <b>example:</b> 150																		
parentApplicationNumberText	<b>string</b> <b>example:</b> 14104993																		
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firstInventorToFileIndicator	<b>boolean</b> <b>example:</b> false																		
childPatentNumber	<b>string</b> <b>example:</b> 9704967																		
claimParentageTypeCode	<b>string</b> <b>example:</b> DIV																		
claimParentageTypeCodeDescriptionText	<b>string</b> <b>example:</b> Claims priority from a provisional application																		
patentTermAdjustmentData	<p>✓ PatentTermAdjustment ↴ {</p> <table> <tr> <td>description:</td><td>Patent term adjustment data</td></tr> <tr> <td>aDelayQuantity</td><td><b>integer</b> <b>example:</b> 0 A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.</td></tr> <tr> <td>adjustmentTotalQuantity</td><td><b>integer</b> <b>example:</b> 0 Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.</td></tr> <tr> <td>applicantDayDelayQuantity</td><td><b>integer</b> <b>example:</b> 28 Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three</td></tr> <tr> <td>bDelayQuantity</td><td><b>integer</b> <b>example:</b> 0 B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.</td></tr> <tr> <td>cDelayQuantity</td><td><b>integer</b> <b>example:</b> 0 C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews.</td></tr> <tr> <td>nonOverlappingDayQuantity</td><td><b>number(\$float)</b> <b>example:</b> 0 Patent term adjustment non overlapping days quantity number of overall summation of the USPTO delays minus any overlapping days</td></tr> </table>	description:	Patent term adjustment data	aDelayQuantity	<b>integer</b> <b>example:</b> 0 A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.	adjustmentTotalQuantity	<b>integer</b> <b>example:</b> 0 Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.	applicantDayDelayQuantity	<b>integer</b> <b>example:</b> 28 Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three	bDelayQuantity	<b>integer</b> <b>example:</b> 0 B delays quantity number of adjustments to the term of the patent based upon the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.	cDelayQuantity	<b>integer</b> <b>example:</b> 0 C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews.	nonOverlappingDayQuantity	<b>number(\$float)</b> <b>example:</b> 0 Patent term adjustment non overlapping days quantity number of overall summation of the USPTO delays minus any overlapping days				
description:	Patent term adjustment data																		
aDelayQuantity	<b>integer</b> <b>example:</b> 0 A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.																		
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nonOverlappingDayQuantity	<b>number(\$float)</b> <b>example:</b> 0 Patent term adjustment non overlapping days quantity number of overall summation of the USPTO delays minus any overlapping days																		

any overlapping days.

**overlappingDayQuantity** `number($float)`  
`example: 0`  
Patent term adjustment overlapping days quantity number that reflects the calculation of overlapping delays consistent with the federal circuit's interpretation.

**patentTermAdjustmentHistoryDataBag** `[ {`

- eventDate** `string($yyyy-MM-dd)`  
`example: 2016-06-07`  
The date that the symbol was assigned to the patent document
- applicantDayDelayQuantity** `integer`  
`example: 4`
- eventDescriptionText** `string`  
`example: Patent Issue Date Used in PTA Calculation`
- eventSequenceNumber** `number($float)`  
`example: 0.5`
- ipOfficeDayDelayQuantity** `integer`  
`example: 0`  
Number of days the USPTO personnel adjusting the calculation to increase or decrease the patent term adjustment based upon a request for reconsideration of the patent term adjustment.
- originatingEventSequenceNumber** `number($float)`  
`example: 0`
- ptaPTECode** `string`  
`example: PTA`

`}`

**eventDataBag** `[`

- EventData** `{`
- description:** The date the patent case action was recorded.
- eventCode** `string`  
`example: ELC_RVW`
- eventDescriptionText** `string`  
`example: Electronic Review`
- eventDate** `string($yyyy-MM-dd)`  
`example: 2018-10-18`  
The date the patent case action was recorded.

`}`

**pgpubDocumentMetaData** `[`

- PGPubFileMetaData** `{`
- description:** Contains pgpub zip and xml file meta data for an application
- zipFileName** `string`  
`example: ipa240801.zip`
- productIdentifier** `string`  
`example: APPXML`
- fileLocationURI** `string`  
`example: https://bulkdata.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip`
- fileCreateDateTime** `string`  
`example: 2024-08-09:11:30:00`
- xmlFileName** `string`  
`example: ipa240801.xml`

`}`

**grantDocumentMetaData** `[`

- GrantFileMetaData** `{`
- description:** Contains patent grant zip and xml file meta data for an application
- zipFileName** `string`  
`example: ipg240102.zip`
- productIdentifier** `string`  
`example: PTGRXML`
- fileLocationURI** `string`  
`example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/ipg160405.zip`
- fileCreateDateTime** `string`  
`example: 2024-08-09:11:30:00`
- xmlFileName** `string`  
`example: ipg160405.xml`

`}`

**lastIngestionDateTime** `string($yyyy-MM-ddTHH:mm:ss)`  
`example: OrderedMap {}`

```
    facets
      > []
      > [ > {
        applicationStatusCode > [ > {
          value
          > string
          example: Utility
          count
          > integer
          example: 44673
        }]
      }]
    }
```

```
ApplicationMetaData ▼ {
    description: Represents patent application meta data properties
    nationalStageIndicator
        boolean
        Indicates whether this application is a national application which entered the national stage from an international PCT application
    entityStatusData
        ▼ {
            description: Indicates the applicant's entity status
            smallEntityStatusIndicator boolean
            Indicates whether the applicant qualifies for small entity status
            businessEntityStatusCategory string
            example: Undiscounted
            Status of business entity being established for the purpose of paying a fee such as a filing fee and a maintenance fee
        }
    publicationDateBag
        ▼ [string($yyyy-MM-dd)
example: 2014-06-19]
    publicationSequenceNumberBag
        ▼ [string
example: 167116]
    publicationCategoryBag
        ▼ [string
example: List [ "Granted/Issued", "Pre-Grant Publications - PGPub" ]]
    docketNumber
        string
        example: 12GR10425US01/859063.688
    firstInventorToFileIndicator
        string
        example: Y
    firstApplicantName
        string
        example: STMicroelectronics S.A.
    firstInventorName
        string
        example: Pascal Chevalier
    applicationConfirmationNumber
        number
        example: 1061
    applicationStatusCode
        string($yyyy-MM-dd)
        example: 2016-05-18
    applicationStatusDescriptionText
        string
        example: Patented Case
    filingDate
        string($yyyy-MM-dd)
        example: 2012-12-19
        The date assigned by the Patent Office that identifies when an application meets certain criteria to qualify as having been filed. Refers to ST.9 INID Code 22.
    effectiveFilingDate
        string($yyyy-MM-dd)
        example: 2013-12-12
        The date according to PTO criteria that the patent case qualified as having been 'filed'. The effective filing date is the same or later than the Filing Date. The filing date can be changed due to a subsequent action on an application patent case.
    grantDate
        string($yyyy-MM-dd)
        example: 2016-06-07
    groupArtUnitNumber
        string
        example: TTAB
        GAU Code
    applicationTypeCode
        string
        example: UTL
        Code corresponding to Utility, Plant, Design, or Reissue
    applicationTypeLabelName
        string
        example: Utility
    applicationTypeCategory
        string
        example: electronics
    inventionTitle
        string
        example: HETEROJUNCTION BIPOLAR TRANSISTOR
    patentNumber
        string
        example: 9362380
    applicationStatusCode
        integer
        example: 150
    earliestPublicationNumber
        string
        example: US 2014-0167116 A1
```

PUBLICATION NUMBER CORRESPONDING TO THE EARLIEST PUBLICATION

**earliestPublicationDate** string(\$yyyy-MM-dd)  
example: 2014-06-19

**pctPublicationNumber** string  
example: WO 2009/064413  
The unique identifier assigned to the publication of an international patent application in the PCT Gazette by the International Bureau (IB) of the World Intellectual Property Organization (WIPO).

**pctPublicationDate** string(\$yyyy-MM-dd)  
example: 2016-12-16

**internationalRegistrationPublicationDate** string(\$yyyy-MM-dd)  
example: 2016-12-16  
The date that the IPR is published by the International Bureau

**internationalRegistrationNumber** string  
example: DM/091304  
The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register

**examinerNameText** string  
example: HUI TSAI JEY  
Name of patent examiner

**class** string  
example: 257  
The first hierarchical level in the USPC classification schedule

**subclass** string  
example: 197000  
The second highest hierarchical level in the USP C classification schedule

**uspcSymbolText** string  
example: 257/197000  
The first hierarchical level in the USPC classification schedule/ The second highest hierarchical level in the USP C classification schedule

**customerNumber** integer  
example: 38106  
Correspondence address of the application inherited from the customer.

**cpcClassificationBag** ▼ [  
example: List [ "H01L29/66325", "H01L27/0623", "H01L29/7378", "H01L21/8249", "H01L29/737", "H01L29/66242" ]  
Collection of Classifications for CPC

**applicantBag** string]  
▼ [ ▼ {  
**applicantNameText** string  
example: John Smith  
**firstName** string  
example: John  
**middleName** string  
example: P  
**lastName** string  
example: Smith  
**preferredName** string  
example: John Smith  
**namePrefix** string  
example: Mr.  
**nameSuffix** string  
example: Jr.  
**countryCode** string  
example: US  
**correspondenceAddressBag** ▼ [ ▼ {  
**nameLineOneText** string  
example: STMicroelectronics S.A.  
**nameLineTwoText** string  
example: Electronics  
**geographicRegionName** string  
example: MN  
**geographicRegionCode** string  
example: Minnesota  
**cityName** string  
example: Montrose

```
        countryCode          string  
        example: FR  
        countryName         string  
        example: FRANCE  
        postalAddressCategory string  
        example: commercial  
    }]  
}  
  
inventorBag  
    < [ < {  
        firstName           string  
        example: John  
        middleName          string  
        example: K  
        lastName             string  
        example: Smith  
        namePrefix           string  
        example: Mr.  
        nameSuffix           string  
        example: Sr.  
        preferredName        string  
        example: John Smith  
        countryCode          string  
        example: US  
        inventorNameText     string  
        example: Pascal Chevalier  
        correspondenceAddressBag < [ < {  
            nameLineOneText      string  
            example: Pascal Chevalier  
            nameLineTwoText       string  
            example: Name Two  
            geographicRegionName string  
            example: Region Name  
            geographicRegionCode string  
            example: FR  
            cityName              string  
            example: Chapareillan  
            countryCode           string  
            example: FR  
            countryName          string  
            example: FRANCE  
            postalAddressCategory string  
            example: commercial  
        }]  
    }]  
}
```



```

PatentTermAdjustment ▼ {
  description: Patent term adjustment data

  aDelayQuantity
    integer
    example: 0
    A delays quantity number of adjustments to the term of the patent based upon USPTO delays included in the PTA determination that is mailed as part of the ISSUE NOTIFICATION LETTER.

  adjustmentTotalQuantity
    integer
    example: 0
    Patent term adjustment total quantity number that is a summation of NONOVERLAPPING USPTO DELAYS (+/- PTO MANUAL ADJUSTMENTS) - APPLICANT DELAYS.

  applicantDayDelayQuantity
    integer
    example: 28
    Patent term adjustment applicant delays quantity number of the patent term due to the Applicant's failure to engage in reasonable efforts to conclude prosecution of the application for the cumulative period in excess of three

  bDelayQuantity
    integer
    example: 0
    B delays quantity number of adjustments to the term of the patent failing to issue within three years of the actual filing date of the application at the time that the issue notification letter is generated and an issue date has been established.

  cDelayQuantity
    integer
    example: 0
    C delays quantity number of adjustments to the term of the patent based upon USPTO delays caused by interference proceedings, secrecy orders, and successful appellate reviews.

  nonOverlappingDayQuantity
    number($float)
    example: 0
    Patent term adjustment non overlapping days quantity number of overall summation of the USPTO delays minus any overlapping days.

  overlappingDayQuantity
    number($float)
    example: 0
    Patent term adjustment overlapping days quantity number that reflects the calculation of overlapping delays consistent with the federal circuit's interpretation.

  patentTermAdjustmentHistoryDataBag ▼ [ ▼ {
    eventDate
      string($yyyy-MM-dd)
      example: 2016-06-07
      The date that the symbol was assigned to the patent document

    applicantDayDelayQuantity
      integer
      example: 4

    eventDescriptionText
      string
      example: Patent Issue Date Used in PTA Calculation

    eventSequenceNumber
      number($float)
      example: 0.5

    ipOfficeDayDelayQuantity
      integer
      example: 0
      Number of days the UPSTO personnel adjusting the calculation to increase or decrease the patent term adjustment based upon a request for reconsideration of the patent term adjustment.

    originatingEventSequenceNumber
      number($float)
      example: 0

    ptaPTECode
      string
      example: PTA
  }
}

```

## Assignment ▾ {

description: The collection of national assignments related to a patent

reelNumber string example: 60620 1-6 digit number identifies the reel number to be used to locate the assignment on microfilm.

frameNumber string example: 769 1-4 digit number that identifies the frame number to be used to locate the first image(page) of the assignment on microfilm.

reelAndFrameNumber string example: 60620/769

pageTotalQuantity integer example: 16

imageAvailableStatusCode boolean example: false

assignmentDocumentLocationURI string example: <https://Legacy-assignments.uspto.gov/assignments/assignment-pat-060620-0769.pdf>

assignmentReceivedDate string(\$yyyy-MM-dd) example: 2022-07-11

assignmentRecordedDate string(\$yyyy-MM-dd) example: 2022-07-11

assignmentMailedDate string(\$yyyy-MM-dd) example: 2022-07-28  
The date an assignment request was mailed to the office or received by the office

conveyanceText string example: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).  
A description of the nature of the interest conveyed or transaction to be recorded in an assignment. Examples of the types of descriptions include: assignment, security agreement, merger, change of name, license, foreclosure, lien,

### assignorBag

▀ [ ▾ {  
assignorName string example: STMICROELECTRONICS SA  
executionDate string(\$yyyy-MM-dd) example: 2022-06-30  
}]

### assigneeBag

▀ [ ▾ {  
assigneeNameText string example: STMICROELECTRONICS SA  
assigneeAddress  
▀ {  
addressLineOneText string example: CHEMIN DU CHAMP-DES-FILLES 39  
addressLineTwoText string example: 1228 PLAN-LES-OUATES  
addressLineThreeText string example: null  
addressLineFourText string example: null  
cityName string example: GENEVA  
geographicRegionName string example: CHX  
geographicRegionCode string  
countryName string example: Switzerland  
postalCode string example: 20123  
countryOrStateCode string example: null  
ictStateCode string example: null  
ictCountryCode string example: null  
}  
}]

### correspondenceAddress

▀ [ ▾ {  
correspondentNameText string

```
correspondentNameText  string  
addressLineOneText     string  
addressLineTwoText     string  
addressLineThreeText   string  
addressLineFourText    string  
]  
domesticRepresentative  
  {  
    description:      US representative for foreign entity  
    name             string  
    addressLineOneText string  
    addressLineTwoText string  
    addressLineThreeText string  
    addressLineFourText string  
    cityName         string  
    postalCode        string  
    geographicRegionName string  
    countryName       string  
    emailAddress      string  
    lastIngestionDateTime string  
  }  
}
```



```
RecordAttorney {  
    description: An attorney selected by the applicant or owner of an intellectual property to represent them before the national office.  
  
    customerNumberCorrespondenceData {  
        description: Correspondence address of the application inherited from the customer.  
  
        patronIdentifier {  
            number  
            example: 38106  
            string  
            example: null  
        }  
  
        organizationStandardName {  
            organizationStandardName  
            example: null  
        }  
  
        powerOfAttorneyAddressBag {  
            powerOfAttorneyAddressBag {  
                nameLineOneText string  
                example: Seed IP Law Group LLP/STMicroelectronics  
                string  
                example: 701 FIFTH AVENUE, SUITE 5400  
                string  
                example: Sample Line Two  
                string  
                example: WASHINGTON  
                string  
                example: WA  
                postalCode string  
                example: 98104-7092  
                string  
                example: SEATTLE  
                countryName string  
                example: US  
                string  
                example: UNITED STATES  
            }]  
        }]  
  
        telecommunicationAddressBag {  
            telecommunicationAddressBag {  
                telecommunicationNumber string  
                example: 206-622-4900  
                extensionNumber string  
                example: 409  
                telecomTypeCode string  
                example: TEL  
            }]  
        }]  
    }  
  
    powerOfAttorneyBag {  
        powerOfAttorneyBag {  
            firstName string  
            example: DANIEL  
            middleName string  
            example: D  
            lastName string  
            example: O'BRIEN  
            namePrefix string  
            example: Dr  
            nameSuffix string  
            example: Jr.  
            preferredName string  
            countryCode string  
            example: US  
            registrationNumber string  
            example: 65545  
            activeIndicator string  
            example: ACTIVE  
            registeredPractitionerCategory string  
            example: ATTNY  
            attorneyAddressBag {  
                attorneyAddressBag {  
                    nameLineOneText string  
                    example: SEED IP LAW GROUP LLP  
                    nameLineTwoText string  
                    example: STOCKTON  
                    addressLineOneText string  
                    example: 701 FIFTH AVENUE  
                    addressLineTwoText string  
                    example: SUITE 5400  
                }]  
            }]  
        }]  
    }]  
}
```

```
        geographicRegionName string
        example: WASHINGTON
        geographicRegionCode string
        example: WA
        postalCode string
        example: 98104
        cityName string
        example: SEATTLE
        countryCode string
        example: US
        countryName string
        example: UNITED STATES
    }]
}
telecommunicationAddressBag
    telecommunicationNumber string
    example: 206-622-4900
    extensionNumber string
    example: 243
    telecomTypeCode string
    example: TEL
}]
}
attorneyBag
    firstName string
    example: DANIEL
    middleName string
    example: D
    lastName string
    example: O'BRIEN
    namePrefix string
    example: Dr
    nameSuffix string
    example: Jr.
    registrationNumber string
    example: 65545
    activeIndicator string
    example: ACTIVE
    registeredPractitionerCategory string
    attorneyAddressBag
        nameLineOneText string
        example: KIILPATRICK TOWNSEND & STOCKTON, LLP
        nameLineTwoText string
        example: TOWNSEND
        addressLineOneText string
        example: 1100 PEACHTREE STREET NE
        addressLineTwoText string
        example: SUITE 2800
        geographicRegionName string
        example: GEORGIA
        geographicRegionCode string
        example: GA
        postalCode string
        example: 30309
        cityName string
        example: ATLANTA
        countryCode string
        example: US
        countryName string
        example: UNITED STATES
    ]
}
telecommunicationAddressBag
    telecommunicationNumber string
    example: 206-622-4900
    extensionNumber string
    example: 243
    telecomTypeCode string
    example: TEL
}]
}
}
```

```
ParentContinuityData ▶ {  
    firstInventorToFileIndicator boolean  
    example: true  
    Indicates first inventor to file.  
  
    parentApplicationStatusCode integer  
    example: 159  
    parentPatentNumber string  
    example: 8968299  
    parentApplicationStatusDescriptionText string  
    example: Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362  
    parentApplicationFilingDate string($yyyy-MM-dd)  
    example: 2012-05-23  
    parentApplicationNumberText string  
    example: 123123133  
    childApplicationNumberText string  
    example: 10121016  
    claimParentageTypeCode string  
    example: CODE  
    claimParentageTypeCodeDescriptionText string  
    example: Claims priority from a provisional application  
}
```

```
ChildContinuityData ▶ {  
    childApplicationStatusCode number  
    example: 150  
    parentApplicationNumberText string  
    example: 14104993  
    childApplicationNumberText string  
    example: 14853719  
    Application number of the child application, which is the unique value assigned by the USPTO to a patent application upon receipt  
  
    childApplicationStatusDescriptionText string  
    example: Patented Case  
    childApplicationFilingDate string($yyyy-MM-dd)  
    example: 2015-09-14  
    firstInventorToFileIndicator boolean  
    example: false  
    childPatentNumber string  
    example: 9704967  
    claimParentageTypeCode string  
    example: DIV  
    claimParentageTypeCodeDescriptionText string  
    example: Claims priority from a provisional application  
}
```

```
ForeignPriority ▶ {  
    ipOfficeName string  
    example: FRANCE  
    filingDate string($yyyy-MM-dd)  
    example: 2012-12-19  
    applicationNumberText string  
    example: 1262321  
}
```

```
EventData ▼ {  
    description: The date the patent case action was recorded.  
    eventCode string  
    example: ELC_RVW  
    eventDescriptionText string  
    example: Electronic Review  
    eventDate string($yyyy-MM-dd)  
    example: 2018-10-18  
    The date the patent case action was recorded.  
}  
}
```

```
DocumentBag ▼ {  
    documentBag ▼ [  
        applicationNumberText string  
        example: 16123123  
        officialDate string  
        example: 2020-08-31T01:20:29.000-0400  
        documentIdentifier string  
        example: LDXBTPQ7XBLUEX3  
        documentCode string  
        example: WFEE  
        documentCodeDescriptionText string  
        example: Fee Worksheet (SB06)  
        documentDirectionCategory string  
        example: INTERNAL  
        downloadOptionBag ▼ [  
            mimeTypeIdentifier string  
            example: PDF  
            downloadUrl string  
            example: https://api.uspto.gov/api/v1/patent/application/documents/16123123/LDXBTPQ7XBLUEX3.pdf  
            pageTotalQuantity integer  
            example: 2  
        ]  
    ]  
}  
}
```

```
PGPubFileMetaData ▼ {  
    description: Contains pgpub zip and xml file meta data for an application  
    zipFileName string  
    example: ipa240801.zip  
    productIdentifier string  
    example: APPXML  
    fileLocationURI string  
    example: https://bulkdatal.uspto.gov/data/patent/application/redbook/fulltext/2024/ipa240104.zip  
    fileCreateDateTime string  
    example: 2024-08-09:11:30:00  
    xmlFileName string  
    example: ipa240801.xml  
}  
}
```

```
GrantFileMetaData ▼ {  
    description: Contains patent grant zip and xml file meta data for an application  
  
    zipFileName string  
    example: ipg240102.zip  
  
    productIdentifier string  
    example: PTGRXML  
  
    fileLocationURI string  
    example: https://bulkdata.uspto.gov/data/patent/grant/redbook/fulltext/2016/ipg160405.zip  
  
    fileCreateDateTime string  
    example: 2024-08-09:11:30:00  
  
    xmlFileName string  
    example: ipg160405.xml  
}
```

```
StatusCodeSearchResponse ▼ {  
    description: This json structure represents data fields for status codes search API  
  
    count integer  
    example: 1  
  
    statusCodeBag ▼ [ ▼ {  
        applicationStatusCode integer  
        example: 60  
        Application status code  
  
        applicationStatusDescriptionText string  
        example: Final Rejection Counted, Not Yet Mailed  
        Application status code description  
  
        requestIdentifier string  
        example: 07c5c24d-bf8e-458c-9427-a038500d6e98  
    }]  
}
```

```

BdssResponseProductBag {
    count
        integer
        example: 25

    bulkDataProductBag
        < [BulkDataProductBag < {
            productIdentifier
                string
                example: PTFWPRE
            productDescriptionText
                string
                example: Bibliographic and assignments static patent data compiled into file sets. The Weekly Datasets (10-year increments) can be downloaded in bulk.
            productTitleText
                string
                example: Patent File Wrapper (Bulk Datasets) - Weekly
            productFrequencyText
                string
                example: WEEKLY
            daysOfWeekText
                string
                example: SUNDAY
            productLabelArrayText
                < [string
                example: List [ "RESEARCH", "PATENT" ]]
            productDataSetArrayText
                < [string
                example: List [ "Research" ]]
                    < [string
                    example: List [ "Patent file wrapper" ]]
            productDataSetCategoryArrayText
            productFromDate
                string($date)
                example: OrderedMap {}
            productToDate
                string($date)
                example: OrderedMap {}
            productTotalFileSize
                number
                example: 32511973080
            productFileTotalQuantity
                number
                example: 3
            lastModifiedDateTime
                string
                example: OrderedMap {}
            mimeTypeIdentifierArrayText
                < [string
                example: List [ "JSON" ]]
            productFileBag
                ProductFileBag < {
                    count
                        integer
                        example: 3
                    fileDataBag
                        < [ < [
                            fileName
                                string
                                example: 2001-2010-patent-filewrapper-full-json.zip
                            fileSize
                                number
                                example: 1698377311
                            fileDataFromDate
                                string($date)
                                example: OrderedMap {}
                            fileDataToDate
                                string($date)
                                example: OrderedMap {}
                            fileTypeText
                                string
                                example: Data
                            fileDownloadURI
                                string
                                example: https://api.uspto.gov/api/v1/datasets/products/files/PTFWPRE/2001-2010-patent-filewrapper-full-json.zip
                            fileReleaseDate
                                string($date)
                                example: OrderedMap {}
                            fileDate
                                string($date)
                                example: OrderedMap {}
                            fileLastModifiedDateTime
                                string($date)
                                example: OrderedMap {}
                        ] ]
                }
            }
        }
    }
}

```

```
PetitionDecisionResponseBag ▼ {
    count
        integer
        example: 1
    petitionDecisionDataBag
        ▼ [PetitionDecision ▼ {
            petitionDecisionRecordIdentifier
                string
                example: 5d899d97-2bba-50a9-b01d-d87b38c70c55
            applicationNumberText
                string
                example: 15569871
            businessEntityStatusCategory
                string
                example: Small
            customerNumber
                integer
                example: 23628
            decisionDate
                string
                example: OrderedMap {}
            decisionPetitionTypeCode
                integer
                example: 551
            decisionTypeCode
                string
                example: C
            decisionPetitionTypeCodeDescriptionText
                string
                example: DENIED
            finalDecidingOfficeName
                string
                example: OFFICE OF PETITIONS
            firstApplicantName
                string
                example: BIOVERATIV THERAPEUTICS INC.
            firstInventorToFileIndicator
                boolean
                example: true
            groupArtUnitNumber
                string
                example: 1646
            technologyCenter
                string
                example: 1646
            inventionTitle
                string
                example: RECEPTOR TYROSINE KINASE BIOMARKERS
            inventorBag
                ▼ [
                    example: List [ "David Clarke", "Daniel Rolfe" ]
                string]
                string
                example: None
            actionTakenByCourtName
                string
                example: None
            courtActionIndicator
                boolean
                example: false
            lastIngestionDateTime
                string
                example: 2025-04-23T02:47:58
            patentNumber
                string
                example: null
            petitionIssueConsideredTextBag
                ▼ [
                    example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]
                    ▼ [
                        {
                            }
                        string
                    ]
                    example: OrderedMap {}
                string
                example: During examination
            ruleBag
                ▼ [
                    example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]
                string]
                ▼ [
                    example: List [ "35 USC 134" ]
                string]
            statuteBag
        }]
    facets
        ▼ [PetitionDecisionFacet ▼ {
            technologyCenter
                ▼ [PetitionDecisionFacetEntity ▼ {
                    value
                        string
                        example: Facet Value
                    count
                        integer
                        example: 1
                }]
        }]
}
```

```
finalDecidingOfficeName          ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

firstInventorToFileIndicator     ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

decisionPetitionTypeCode        ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

decisionTypeCodeDescriptionText ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

prosecutionStatusCodeDescriptionText ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

petitionIssueConsideredTextBag   ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

statuteBag                      ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

ruleBag                          ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

actionTakenByCourtName          ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

courtActionIndicator            ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}

businessEntityStatusCategory     ✓ [PetitionDecisionFacetEntity] {
    value                         string
                                    example: Facet Value
    count                        integer
                                    example: 1
}
```

```
    }]  
}
```

```
PetitionDecisionIdentifierResponseBag ▼ {
    count
        integer
        example: 1
    petitionDecisionDataBag
        ▼ [PetitionDecisionAndDocuments] ▼ {
            petitionDecisionRecordIdentifier
                string
                example: 5d899d97-2bba-50a9-b01d-d87b38c70c55
            applicationNumberText
                string
                example: 15569871
            businessEntityStatusCategory
                string
                example: Small
            customerNumber
                integer
                example: 23628
            decisionDate
                string
                example: OrderedMap {}
            decisionPetitionTypeCode
                integer
                example: 551
            decisionTypeCode
                string
                example: C
            decisionPetitionTypeCodeDescriptionText
                string
                example: DENIED
            finalDecidingOfficeName
                string
                example: OFFICE OF PETITIONS
            firstApplicantName
                string
                example: BIOVERATIV THERAPEUTICS INC.
            firstInventorToFileIndicator
                boolean
                example: true
            groupArtUnitNumber
                string
                example: 1646
            technologyCenter
                string
                example: 1646
            inventionTitle
                string
                example: RECEPTOR TYROSINE KINASE BIOMARKERS
            inventorBag
                ▼ [
                    example: List [ "David Clarke", "Daniel Rolfe" ]
                string]
            actionTakenByCourtName
                string
                example: None
            courtActionIndicator
                boolean
                example: false
            lastIngestionDateTime
                string
                example: 2025-04-23T02:47:58
            patentNumber
                string
                example: null
            petitionIssueConsideredTextBag
                ▼ [
                    example: List [ "Review of Technology Center: New ground of rejection in examiner's answer" ]
                    ▼ [
                        []
                    string]
                example: OrderedMap {}
            prosecutionStatusCodeDescriptionText
                string
                example: During examination
            ruleBag
                ▼ [
                    example: List [ "37 CFR 1.26(a)", "37 CFR 1.113" ]
                string]
            statuteBag
                ▼ [
                    example: List [ "35 USC 134" ]
                string]
            documentBag
                ▼ [PetitionDecisionDocument] ▼ {
                    applicationNumberText
                        string
                        example: 1556987
                    officialDate
                        string
                        example: 2020-08-31T01:20:29.000-0400
                    documentIdentifier
                        string
                        example: M98QOH0NWFYTX17
                    documentCode
                        string
                        example: PETDEC
                }
        }
    }
}
```

```
documentCodeDescriptionText string  
example: Petition Decision  
documentDirectionCategory string  
example: OUTGOING  
downloadOptionBag  
  ▼ [ ▼ {  
    mimeTypeIdentifier string  
    example: PDF  
    documentURI string  
    example:  
    https://api.uspto.gov/api/v1/patent/application/documents/16123123/LDXBTPQ7XBLUEX3.pdf  
    pageTotalQuantity integer  
    example: 2  
  }]  
}  
}]  
}
```

```
ProceedingDataResponse ▼ {
    count           integer
    requestIdentifier string
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa
    patentTrialProceedingDataBag ▼ [patentTrialProceedingDataBag ▼ {
        description: A single PTAB trial proceeding record.

        trialNumber          string
        example: IPR2024-00001
        lastModifiedDateTime string
        example: 2025-07-17T20:24:01
        trialMetaData         TrialMetaData ▼ {
            accordedFilingDate      string($date)
            example: 2024-02-15
            institutionDecisionDate string($date)
            example: 2024-08-20
            latestDecisionDate     string($date)
            example: 2025-01-12
            petitionFilingDate     string($date)
            example: 2024-01-30
            terminationDate        string($date)
            example: 2025-05-05
            trialLastModifiedDateTime string
            example: 2025-05-05T10:22:11Z
            trialLastModifiedDate   string($date)
            example: 2025-05-05
            trialStatusCategory    string
            example: Terminated
            trialTypeCode          string
            example: 102
        }
        patentOwnerData       PatentOwnerData ▼ {
            applicationNumberText string
            example: 14412875
            counselName           string
            example: Jane Q. Attorney
            grantDate              string($date)
            example: 2019-09-10
            groupArtUnitNumber    string
            example: 3689
            inventorName          string
            example: Liam Johnson
            realPartyInInterestName string
            example: ABC Corp.
            patentNumber           string
            example: US9876543B2
            patentOwnerName        string
            example: XYZ Holdings LLC
            technologyCenterNumber string
            example: 3600
        }
        regularPetitionerData RegularPetitionerData ▼ {
            applicationNumberText string
            example: 16123456
            counselName           string
            example: John D. Counsel
            realPartyInInterestName string
            example: DEF Inc.
            grantDate              string($date)
            example: 2020-03-22
            groupArtUnitNumber    string
            example: 1790
            inventorName          string
            example: Emma Smith
            patentNumber           string
            example: US10203040B2
            patentOwnerName        string
            example: JKL Holdings
        }
    }
}
```

```
    technologyCenterNumber string  
    example: 1700  
}  
  
respondentData RespondentData ∨ {  
    applicationNumberText string  
    example: 16123456  
    counselName string  
    example: Mary R. Lawyer  
    grantDate string($date)  
    example: 2020-03-22  
    groupArtUnitNumber string  
    example: 1790  
    inventorName string  
    example: Emma Smith  
    realPartyInInterestName string  
    example: GHI LLC  
    patentNumber string  
    example: US10203040B2  
    patentOwnerName string  
    example: JKL Holdings  
    technologyCenterNumber string  
    example: 1700  
}  
  
derivationPetitionerData DerivationPetitionerData ∨ {  
    applicationNumberText string  
    example: 13112233  
    counselName string  
    example: Alex M. Advocate  
    grantDate string($date)  
    example: 2018-11-05  
    groupArtUnitNumber string  
    example: 2876  
    inventorName string  
    example: Noah Davis  
    realPartyInInterestName string  
    example: MNO Partners  
    patentNumber string  
    example: US9001002B1  
    technologyCenterNumber string  
    example: 2800  
    patentOwnerName string  
    example: PQR Ventures  
}  
}  
}]  
}
```



```
PatentTrialProceedingDataBag ▼ {  
    description: A single PTAB trial proceeding record.  
  
    trialNumber string  
    example: IPR2024-00001  
  
    lastModifiedDateTime string  
    example: 2025-07-17T20:24:01  
  
    trialMetaData TrialMetaData ▼ {  
        accordedFilingDate string($date)  
        example: 2024-02-15  
  
        institutionDecisionDate string($date)  
        example: 2024-08-20  
  
        latestDecisionDate string($date)  
        example: 2025-01-12  
  
        petitionFilingDate string($date)  
        example: 2024-01-30  
  
        terminationDate string($date)  
        example: 2025-05-05  
  
        trialLastModifiedDateTime string  
        example: 2025-05-05T10:22:11Z  
  
        trialLastModifiedDate string($date)  
        example: 2025-05-05  
  
        trialStatusCategory string  
        example: Terminated  
  
        trialTypeCode string  
        example: 102  
    }  
  
    patentOwnerData PatentOwnerData ▼ {  
        applicationNumberText string  
        example: 14412875  
  
        counselName string  
        example: Jane Q. Attorney  
  
        grantDate string($date)  
        example: 2019-09-10  
  
        groupArtUnitNumber string  
        example: 3689  
  
        inventorName string  
        example: Liam Johnson  
  
        realPartyInInterestName string  
        example: ABC Corp.  
  
        patentNumber string  
        example: US9876543B2  
  
        patentOwnerName string  
        example: XYZ Holdings LLC  
  
        technologyCenterNumber string  
        example: 3600  
    }  
  
    regularPetitionerData RegularPetitionerData ▼ {  
        applicationNumberText string  
        example: 16123456  
  
        counselName string  
        example: John D. Counsel  
  
        realPartyInInterestName string  
        example: DEF Inc.  
  
        grantDate string($date)  
        example: 2020-03-22  
  
        groupArtUnitNumber string  
        example: 1790  
  
        inventorName string  
        example: Emma Smith  
  
        patentNumber string  
        example: US10203040B2  
  
        patentOwnerName string  
        example: JKL Holdings  
  
        technologyCenterNumber string  
        example: 1700  
    }  
  
    respondentData RespondentData ▼ {  
    }
```

```
    applicationNumberText  string
                           example: 16123456
    counselName           string
                           example: Mary R. Lawyer
    grantDate             string($date)
                           example: 2020-03-22
    groupArtUnitNumber   string
                           example: 1790
    inventorName          string
                           example: Emma Smith
    realPartyInInterestName string
                           example: GHI LLC
    patentNumber          string
                           example: US10203040B2
    patentOwnerName       string
                           example: JKL Holdings
    technologyCenterNumber string
                           example: 1700
}
derivationPetitionerData DerivationPetitionerData ∨ {
    applicationNumberText  string
                           example: 13112233
    counselName           string
                           example: Alex M. Advocate
    grantDate             string($date)
                           example: 2018-11-05
    groupArtUnitNumber   string
                           example: 2876
    inventorName          string
                           example: Noah Davis
    realPartyInInterestName string
                           example: MNO Partners
    patentNumber          string
                           example: US9001002B1
    technologyCenterNumber string
                           example: 2800
    patentOwnerName       string
                           example: PQR Ventures
}
}
```



```
DocumentDataResponse ▼ {
    count
        integer
        example: 100
    patentTrialDocumentDataBag ▼ [patentTrialDocumentDataBag ▼ {
        description: A single PTAB document record.

        trialDocumentCategory string
        example: document
        lastModifiedDateTime string($date-time)
        example: 2025-07-01T15:20:30Z
        trialNumber string
        example: IPR2024-00001
        trialTypeCode string
        example: IPR
        trialMetaData TrialMetaData ▼ {
            accordedFilingDate string($date)
            example: 2024-02-15
            institutionDecisionDate string($date)
            example: 2024-08-20
            latestDecisionDate string($date)
            example: 2025-01-12
            petitionFilingDate string($date)
            example: 2024-01-30
            terminationDate string($date)
            example: 2025-05-05
            trialLastModifiedDateTime string
            example: 2025-05-05T10:22:11Z
            trialLastModifiedDate string($date)
            example: 2025-05-05
            trialStatusCategory string
            example: Terminated
            trialTypeCode string
            example: 102
        }
    patentOwnerData PatentOwnerData ▼ {
        applicationNumberText string
        example: 14412875
        counselName string
        example: Jane Q. Attorney
        grantDate string($date)
        example: 2019-09-10
        groupArtUnitNumber string
        example: 3689
        inventorName string
        example: Liam Johnson
        realPartyInInterestName string
        example: ABC Corp.
        patentNumber string
        example: US9876543B2
        patentOwnerName string
        example: XYZ Holdings LLC
        technologyCenterNumber string
        example: 3600
    }
    regularPetitionerData RegularPetitionerData ▼ {
        applicationNumberText string
        example: 16123456
        counselName string
        example: John D. Counsel
        realPartyInInterestName string
        example: DEF Inc.
        grantDate string($date)
        example: 2020-03-22
        groupArtUnitNumber string
        example: 1790
        inventorName string
        example: Emma Smith
        patentNumber string
    }
}
```

```
    patentOwnerName      example: US10203040B2
    string
    example: JKL Holdings
    string
    example: 1700
}
respondentData
RespondentData ▶ {
    applicationNumberText  string
    example: 16123456
    counselName            string
    example: Mary R. Lawyer
    grantDate              string($date)
    example: 2020-03-22
    groupArtUnitNumber    string
    example: 1790
    inventorName           string
    example: Emma Smith
    realPartyInInterestName string
    example: GHI LLC
    patentNumber            string
    example: US10203040B2
    patentOwnerName         string
    example: JKL Holdings
    technologyCenterNumber  string
    example: 1700
}
derivationPetitionerData DerivationPetitionerData ▶ {
    applicationNumberText  string
    example: 13112233
    counselName            string
    example: Alex M. Advocate
    grantDate              string($date)
    example: 2018-11-05
    groupArtUnitNumber    string
    example: 2876
    inventorName           string
    example: Noah Davis
    realPartyInInterestName string
    example: MNO Partners
    patentNumber            string
    example: US9001002B1
    technologyCenterNumber  string
    example: 2800
    patentOwnerName         string
    example: PQR Ventures
}
documentData
DocumentData ▶ {
    documentCategory        string
    example: Petition
    documentFilingDate     string($date)
    example: 2024-04-12
    documentIdentifier      string
    example: 100012345
    documentName             string
    example: petition.pdf
    documentNumber            string
    example: 1
    documentSizeQuantity     integer
    example: 123456
    documentOCRTText         string
    example: ...
    documentTitleText        string
    example: Petition
    documentTypeDescriptionText string
    example: Petition Type
    fileDownloadURI          string($uri)
    example: https://ptab.uspto.gov/doc/100012345
    filingPartyCategory      string
    example: Petitioner
    mimeTypeIdentifier       string
    example: application/pdf
}
```

```
        documentStatus          example: application/pu
        string
        example: public
    }
}

decisionData
  DecisionData ▼ {
    statuteAndRuleBag
      ▼ [
        example: List [ "37 CFR 42.100", "37 CFR 43.100" ]
        string]
        string($date)
        example: 2025-01-15
        string
        example: Final Written Decision
        ▼ [
          example: List [ "Substantive", "Procedural" ]
          string]
          string
          example: Denied
          string
          example: Denied
      }
  }

facets
  ▼ [Facet ▼ {
    trialTypeCategory
      ▼ [FacetItem ▼ {
        name
        string
        example: IPR
        quantity
        integer
        example: 16951
      }]
      trialStatusCategory
        ▼ [FacetItem ▼ {
          name
          string
          example: IPR
          quantity
          integer
          example: 16951
        }]
        statuteAndRuleBag
          ▼ [FacetItem ▼ {
            name
            string
            example: IPR
            quantity
            integer
            example: 16951
          }]
    }
  }
}
```



```
PatentTrialDocumentDataBag ▼ {  
    description: A single PTAB document record.  
  
    trialDocumentCategory string  
    example: document  
  
    lastModifiedDateTime string($date-time)  
    example: 2025-07-01T15:20:30Z  
  
    trialNumber string  
    example: IPR2024-00001  
  
    trialTypeCode string  
    example: IPR  
  
    trialMetaData TrialMetaData ▼ {  
        accordedFilingDate string($date)  
        example: 2024-02-15  
  
        institutionDecisionDate string($date)  
        example: 2024-08-20  
  
        latestDecisionDate string($date)  
        example: 2025-01-12  
  
        petitionFilingDate string($date)  
        example: 2024-01-30  
  
        terminationDate string($date)  
        example: 2025-05-05  
  
        trialLastModifiedDateTime string  
        example: 2025-05-05T10:22:11Z  
  
        trialLastModifiedDate string($date)  
        example: 2025-05-05  
  
        trialStatusCategory string  
        example: Terminated  
  
        trialTypeCode string  
        example: 102  
    }  
  
    patentOwnerData PatentOwnerData ▼ {  
        applicationNumberText string  
        example: 14412875  
  
        counselName string  
        example: Jane Q. Attorney  
  
        grantDate string($date)  
        example: 2019-09-10  
  
        groupArtUnitNumber string  
        example: 3689  
  
        inventorName string  
        example: Liam Johnson  
  
        realPartyInInterestName string  
        example: ABC Corp.  
  
        patentNumber string  
        example: US9876543B2  
  
        patentOwnerName string  
        example: XYZ Holdings LLC  
  
        technologyCenterNumber string  
        example: 3600  
    }  
  
    regularPetitionerData RegularPetitionerData ▼ {  
        applicationNumberText string  
        example: 16123456  
  
        counselName string  
        example: John D. Counsel  
  
        realPartyInInterestName string  
        example: DEF Inc.  
  
        grantDate string($date)  
        example: 2020-03-22  
  
        groupArtUnitNumber string  
        example: 1790  
  
        inventorName string  
        example: Emma Smith  
  
        patentNumber string  
        example: US10203040B2  
  
        patentOwnerName string  
        example: JKL Holdings  
    }  
}
```

```
    technologyCenterNumber string  
    example: 1700  
}  
  
respondentData RespondentData ∨ {  
    applicationNumberText string  
    example: 16123456  
    counselName string  
    example: Mary R. Lawyer  
    grantDate string($date)  
    example: 2020-03-22  
    groupArtUnitNumber string  
    example: 1790  
    inventorName string  
    example: Emma Smith  
    realPartyInInterestName string  
    example: GHI LLC  
    patentNumber string  
    example: US10203040B2  
    patentOwnerName string  
    example: JKL Holdings  
    technologyCenterNumber string  
    example: 1700  
}  
  
derivationPetitionerData DerivationPetitionerData ∨ {  
    applicationNumberText string  
    example: 13112233  
    counselName string  
    example: Alex M. Advocate  
    grantDate string($date)  
    example: 2018-11-05  
    groupArtUnitNumber string  
    example: 2876  
    inventorName string  
    example: Noah Davis  
    realPartyInInterestName string  
    example: MNO Partners  
    patentNumber string  
    example: US9001002B1  
    technologyCenterNumber string  
    example: 2800  
    patentOwnerName string  
    example: PQR Ventures  
}  
  
documentData DocumentData ∨ {  
    documentCategory string  
    example: Petition  
    documentFilingDate string($date)  
    example: 2024-04-12  
    documentIdentifier string  
    example: 100012345  
    documentName string  
    example: petition.pdf  
    documentNumber string  
    example: 1  
    documentSizeQuantity integer  
    example: 123456  
    documentOCRTText string  
    example: ...  
    documentTitleText string  
    example: Petition  
    documentTypeDescriptionText string  
    example: Petition Type  
    fileDownloadURI string($uri)  
    example: https://ptab.uspto.gov/doc/100012345  
    filingPartyCategory string  
    example: Petitioner  
    mimeTypeIdentifier string  
    example: application/pdf  
    documentStatus string  
    example: public  
}
```

```
decisionData
  DecisionData ∨ {
    statuteAndRuleBag
      ∨ [
        example: List [ "37 CFR 42.100", "37 CFR 43.100" ]
        string]
      decisionIssueDate
        string($date)
        example: 2025-01-15
      decisionTypeCategory
        string
        example: Final Written Decision
      issueTypeBag
        ∨ [
          example: List [ "Substantive", "Procedural" ]
          string]
      trialOutcomeCategory
        string
        example: Denied
      appealOutcomeCategory
        string
        example: Denied
  }
}
```

```
DecisionDataResponse ▼ {
    count
        integer
        example: 100
    patentTrialDecisionDataBag ▼ [patentTrialDecisionDataBag ▼ {
        description: A single PTAB document record.

        trialDocumentCategory string
        example: document
        lastModifiedDateTime string($date-time)
        example: 2025-07-01T15:20:30Z
        trialNumber string
        example: IPR2024-00001
        trialTypeCode string
        example: IPR
        trialMetaData TrialMetaData ▼ {
            accordedFilingDate string($date)
            example: 2024-02-15
            institutionDecisionDate string($date)
            example: 2024-08-20
            latestDecisionDate string($date)
            example: 2025-01-12
            petitionFilingDate string($date)
            example: 2024-01-30
            terminationDate string($date)
            example: 2025-05-05
            trialLastModifiedDateTime string
            example: 2025-05-05T10:22:11Z
            trialLastModifiedDate string($date)
            example: 2025-05-05
            trialStatusCategory string
            example: Terminated
            trialTypeCode string
            example: 102
        }
    patentOwnerData PatentOwnerData ▼ {
        applicationNumberText string
        example: 14412875
        counselName string
        example: Jane Q. Attorney
        grantDate string($date)
        example: 2019-09-10
        groupArtUnitNumber string
        example: 3689
        inventorName string
        example: Liam Johnson
        realPartyInInterestName string
        example: ABC Corp.
        patentNumber string
        example: US9876543B2
        patentOwnerName string
        example: XYZ Holdings LLC
        technologyCenterNumber string
        example: 3600
    }
    regularPetitionerData RegularPetitionerData ▼ {
        applicationNumberText string
        example: 16123456
        counselName string
        example: John D. Counsel
        realPartyInInterestName string
        example: DEF Inc.
        grantDate string($date)
        example: 2020-03-22
        groupArtUnitNumber string
        example: 1790
        inventorName string
        example: Emma Smith
        patentNumber string
    }
}
```

```
    patentOwnerName      example: US10203040B2
    string
    example: JKL Holdings
    string
    example: 1700
}
respondentData
RespondentData ▶ {
    applicationNumberText  string
    example: 16123456
    counselName            string
    example: Mary R. Lawyer
    grantDate              string($date)
    example: 2020-03-22
    groupArtUnitNumber    string
    example: 1790
    inventorName           string
    example: Emma Smith
    realPartyInInterestName string
    example: GHI LLC
    patentNumber            string
    example: US10203040B2
    patentOwnerName         string
    example: JKL Holdings
    technologyCenterNumber  string
    example: 1700
}
derivationPetitionerData DerivationPetitionerData ▶ {
    applicationNumberText  string
    example: 13112233
    counselName            string
    example: Alex M. Advocate
    grantDate              string($date)
    example: 2018-11-05
    groupArtUnitNumber    string
    example: 2876
    inventorName           string
    example: Noah Davis
    realPartyInInterestName string
    example: MNO Partners
    patentNumber            string
    example: US9001002B1
    technologyCenterNumber  string
    example: 2800
    patentOwnerName         string
    example: PQR Ventures
}
documentData
DocumentData ▶ {
    documentCategory        string
    example: Petition
    documentFilingDate     string($date)
    example: 2024-04-12
    documentIdentifier      string
    example: 100012345
    documentName             string
    example: petition.pdf
    documentNumber            string
    example: 1
    documentSizeQuantity     integer
    example: 123456
    documentOCRTText         string
    example: ...
    documentTitleText        string
    example: Petition
    documentTypeDescriptionText string
    example: Petition Type
    fileDownloadURI          string($uri)
    example: https://ptab.uspto.gov/doc/100012345
    filingPartyCategory      string
    example: Petitioner
    mimeTypeIdentifier       string
    example: application/pdf
}
```

```
        documentStatus          example: application/pu
        string
        example: public
    }
}

decisionData
  DecisionData ▼ {
    statuteAndRuleBag
      ▼ [
        example: List [ "37 CFR 42.100", "37 CFR 43.100" ]
        string]
        string($date)
        example: 2025-01-15
        string
        example: Final Written Decision
        ▼ [
          example: List [ "Substantive", "Procedural" ]
          string]
          string
          example: Denied
          string
          example: Denied
      }
  }

facets
  ▼ [Facet ▼ {
    trialTypeCategory
      ▼ [FacetItem ▼ {
        name
        string
        example: IPR
        quantity
        integer
        example: 16951
      }]
      trialStatusCategory
        ▼ [FacetItem ▼ {
          name
          string
          example: IPR
          quantity
          integer
          example: 16951
        }]
        statuteAndRuleBag
          ▼ [FacetItem ▼ {
            name
            string
            example: IPR
            quantity
            integer
            example: 16951
          }]
    }
  }
}
```



```
PatentTrialDecisionDataBag ▼ {  
    description: A single PTAB document record.  
  
    trialDocumentCategory string  
    example: document  
    lastModifiedDateTime string($date-time)  
    example: 2025-07-01T15:20:30Z  
    trialNumber string  
    example: IPR2024-00001  
    trialTypeCode string  
    example: IPR  
    trialMetaData TrialMetaData ▼ {  
        accordedFilingDate string($date)  
        example: 2024-02-15  
        institutionDecisionDate string($date)  
        example: 2024-08-20  
        latestDecisionDate string($date)  
        example: 2025-01-12  
        petitionFilingDate string($date)  
        example: 2024-01-30  
        terminationDate string($date)  
        example: 2025-05-05  
        trialLastModifiedDateTime string  
        example: 2025-05-05T10:22:11Z  
        trialLastModifiedDate string($date)  
        example: 2025-05-05  
        trialStatusCategory string  
        example: Terminated  
        trialTypeCode string  
        example: 102  
    }  
    patentOwnerData PatentOwnerData ▼ {  
        applicationNumberText string  
        example: 14412875  
        counselName string  
        example: Jane Q. Attorney  
        grantDate string($date)  
        example: 2019-09-10  
        groupArtUnitNumber string  
        example: 3689  
        inventorName string  
        example: Liam Johnson  
        realPartyInInterestName string  
        example: ABC Corp.  
        patentNumber string  
        example: US9876543B2  
        patentOwnerName string  
        example: XYZ Holdings LLC  
        technologyCenterNumber string  
        example: 3600  
    }  
    regularPetitionerData RegularPetitionerData ▼ {  
        applicationNumberText string  
        example: 16123456  
        counselName string  
        example: John D. Counsel  
        realPartyInInterestName string  
        example: DEF Inc.  
        grantDate string($date)  
        example: 2020-03-22  
        groupArtUnitNumber string  
        example: 1790  
        inventorName string  
        example: Emma Smith  
        patentNumber string  
        example: US10203040B2  
        patentOwnerName string  
        example: JKL Holdings  
        technologyCenterNumber string  
    }  
}
```

```
    technologyCenterNumber string  
    example: 1700  
}  
  
respondentData RespondentData ∨ {  
    applicationNumberText string  
    example: 16123456  
    counselName string  
    example: Mary R. Lawyer  
    grantDate string($date)  
    example: 2020-03-22  
    groupArtUnitNumber string  
    example: 1790  
    inventorName string  
    example: Emma Smith  
    realPartyInInterestName string  
    example: GHI LLC  
    patentNumber string  
    example: US10203040B2  
    patentOwnerName string  
    example: JKL Holdings  
    technologyCenterNumber string  
    example: 1700  
}  
  
derivationPetitionerData DerivationPetitionerData ∨ {  
    applicationNumberText string  
    example: 13112233  
    counselName string  
    example: Alex M. Advocate  
    grantDate string($date)  
    example: 2018-11-05  
    groupArtUnitNumber string  
    example: 2876  
    inventorName string  
    example: Noah Davis  
    realPartyInInterestName string  
    example: MNO Partners  
    patentNumber string  
    example: US9001002B1  
    technologyCenterNumber string  
    example: 2800  
    patentOwnerName string  
    example: PQR Ventures  
}  
  
documentData DocumentData ∨ {  
    documentCategory string  
    example: Petition  
    documentFilingDate string($date)  
    example: 2024-04-12  
    documentIdentifier string  
    example: 100012345  
    documentName string  
    example: petition.pdf  
    documentNumber string  
    example: 1  
    documentSizeQuantity integer  
    example: 123456  
    documentOCRTText string  
    example: ...  
    documentTitleText string  
    example: Petition  
    documentTypeDescriptionText string  
    example: Petition Type  
    fileDownloadURI string($uri)  
    example: https://ptab.uspto.gov/doc/100012345  
    filingPartyCategory string  
    example: Petitioner  
    mimeTypeIdentifier string  
    example: application/pdf  
    documentStatus string  
    example: public  
}
```

```
decisionData
  DecisionData ∨ {
    statuteAndRuleBag
      ∨ [
        example: List [ "37 CFR 42.100", "37 CFR 43.100" ]
        string]
      decisionIssueDate
        string($date)
        example: 2025-01-15
      decisionTypeCategory
        string
        example: Final Written Decision
      issueTypeBag
        ∨ [
          example: List [ "Substantive", "Procedural" ]
          string]
      trialOutcomeCategory
        string
        example: Denied
      appealOutcomeCategory
        string
        example: Denied
  }
}
```

```
InterferenceDecisionDataResponse ▼ {  
    count*                                integer($int32)  
    example: 1490  
    requestIdentifier*                     string  
    example: cff9c3ed-82ca-4d2c-a2e6-c43d5710c2ce  
    patentInterferenceDataBag*           ▼ [InterferenceDecisionRecord ▼ {  
        interferenceNumber*               string  
        example: 103751  
        lastModifiedDateTime             string  
        example: 2025-07-28T21:03:54  
        interferenceMetaData            ▼ {  
            interferenceStyleName       string  
            example: TANG  
            interferenceLastModifiedDate string($date)  
            example: 2025-05-05  
            fileDownloadURI            string  
            example: /download  
        }  
        seniorPartyData                InterferencePartyData ▼ {  
            applicationNumberText      string  
            example: 07996817  
            counselName                string  
            example: SMITH, JANE  
            grantDate                  string($date)  
            example: 2003-09-02  
            groupArtUnitNumber         string  
            example: 1763  
            inventorName               string  
            example: TANG  
            realPartyInInterestName    string  
            example: TANG  
            patentNumber               string  
            example: 6614529  
            patentOwnerName            string  
            example: TANG  
            technologyCenterNumber     string  
            example: 1700  
            publicationDate           string($date)  
            example: 2002-01-15  
            publicationNumber          string  
            example: US2002XXXXXXA1  
        }  
        juniorPartyData                InterferencePartyData ▼ {  
            applicationNumberText      string  
            example: 07996817  
            counselName                string  
            example: SMITH, JANE  
            grantDate                  string($date)  
            example: 2003-09-02  
            groupArtUnitNumber         string  
            example: 1763  
            inventorName               string  
            example: TANG  
            realPartyInInterestName    string  
            example: TANG  
            patentNumber               string  
            example: 6614529  
            patentOwnerName            string  
            example: TANG  
            technologyCenterNumber     string  
            example: 1700  
            publicationDate           string($date)  
            example: 2002-01-15  
            publicationNumber          string  
            example: US2002XXXXXXA1  
        }  
    additionalPartyDataBag           ▼ [ ▼ {  

```

```
    applicationNumberText string  
    example: 07996817  
    inventorName string  
    example: DOE, JOHN  
    additionalPartyName string  
    example: ACME CORP  
    patentNumber string  
    example: 6614529  
  }]  
  decisionDocumentData* InterferenceDecisionDocumentData ▼ {  
    documentFilingDate string($date)  
    example: 2002-02-01  
    documentIdentifier string  
    example: a1adf3e98f9e07271420b607222b5ad0...  
    documentName string  
    example: jd103751  
    documentSizeQuantity integer($int64)  
    example: 45224  
    documentOCRTText string  
    example: The opinion in support of the decision...  
    documentTitleText string  
    example: DECISION-103751  
    fileDownloadURI string  
    example: https://example.org/path/to/document.pdf  
    statuteAndRuleBag ▼ [  
      example: List [ "37 CFR 42.100", "37 CFR 43.100" ]  
      string]  
    decisionIssueDate string($date)  
    example: 2002-02-25  
    decisionTypeCategory string  
    example: Decision  
    issueTypeBag ▼ [  
      example: List [ "Substantive", "Procedural" ]  
      string]  
    interferenceOutcomeCategory string  
    example: Interference  
  }]  
}  
}
```



```
AppealDecisionDataResponse ▼ {
    requestIdentifier           string
    example: 501eacc7-c785-4d85-96ac-a39f3f5533aa
    count                       integer
    example: 1
    patentAppealDataBag        ▼ [patentAppealDataBag ▼ {
        appealNumber             string
        example: 2024518758
        lastModifiedDateTime     string
        example: 2024-05-05T00:00:00Z
        appealDocumentCategory   string
        example: decision document
        appealMetaData            ▼ {
            docketNoticeMailedDate string($date)
            example: 2024-05-05
            appealFilingDate       string($date)
            example: 2024-05-05
            appealLastModifiedDate  string($date)
            example: 2024-05-05
            appealLastModifiedDateTime string($date)
            example: 2024-05-05T00:00:00Z
            applicationTypeCategory string
            example: Affirmed-in-Part
            fileDownloadURI         string
            example: /download
        }
        appellantData             ▼ {
            applicationNumberText  string
            example: 8357487
            counselName              string
            example: TARROLL, SUMDHEIM
            groupArtUnitNumber       string
            example: STIC
            inventorName              string
            example: Sultan, Tarik et al
            realPartyInInterestName  string
            example: Unicorn Pharmaceuticals
            patentNumber              string
            example: 4678439
            patentOwnerName           string
            example: Unicorn Pharmaceuticals
            publicationDate           string
            example: 2022-05-27
            publicationNumber          string
            example: 20210628467A1
            technologyCenterNumber    string
            example: RD00
            grantDate                 string($date)
            example: 2022-05-27
        }
        thirdPartyRequesterData   ▼ {
            thirdPartyName           string
            example: null
        }
        documentData               ▼ {
            documentFilingDate       string
            example: 2022-02-26
            documentIdentifier        string
            example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab
            documentName               string
            example: Final Decision Document
            documentSizeQuantity      integer
            example: 102113
            documentOCRTText           string
            example: Some OCR content
            documentTypeDescriptionText string
            example: Rehearing
        }
    }
}
```

```
        "downloadUrl":  
          "string"  
          "example: https://ptab.uspto.gov/appeal/document/download  
      }  
    }  
  }  
}  
]  
}
```

```
PatentAppealDataBag ▼ {
    appealNumber          string
    example: 2024518758
    lastModifiedDateTime string
    example: 2024-05-05T00:00:00Z
    appealDocumentCategory string
    example: decision document
    appealMetaData         ▼ {
        docketNoticeMailedDate   string($date)
        example: 2024-05-05
        appealFilingDate         string($date)
        example: 2024-05-05
        appealLastModifiedDate    string($date)
        example: 2024-05-05
        appealLastModifiedDateTime string($date)
        example: 2024-05-05T00:00:00Z
        applicationTypeCategory  string
        example: Affirmed-in-Part
        fileDownloadURI          string
        example: /download
    }
    appellantData          ▼ {
        applicationNumberText  string
        example: 8357487
        counselName             string
        example: TARROLL, SUMDHEIM
        groupArtUnitNumber      string
        example: STIC
        inventorName            string
        example: Sultan, Tarik et al
        realPartyInInterestName string
        example: Unicorn Pharmaceuticals
        patentNumber             string
        example: 4678439
        patentOwnerName          string
        example: Unicorn Pharmaceuticals
        publicationDate          string
        example: 2022-05-27
        publicationNumber         string
        example: 20210628467A1
        technologyCenterNumber    string
        example: RD00
        grantDate                string($date)
        example: 2022-05-27
    }
    thirdPartyRequesterData ▼ {
        thirdPartyName          string
        example: null
    }
    documentData            ▼ {
        documentFilingDate      string
        example: 2022-02-26
        documentIdentifier       string
        example: PTAB/e010a6e7-b2df-4f72-b800-e232b89585ab
        documentName              string
        example: Final Decision Document
        documentSizeQuantity     integer
        example: 102113
        documentOCRTText          string
        example: Some OCR content
        documentTypeDescriptionText string
        example: Rehearing
        fileDownloadURI           string
        example: https://ptab.uspto.gov/appeal/document/download
    }
    decisionData             ▼ {
        appealOutcomeCategory   string
    }
}
```

```
        statuteAndRuleBag
        decisionIssueDate
        decisionTypeCategory
        issueTypeBag
    }

q ▾ string
Boolean/wildcard search query string.
```

```
sort ▾ string
Field followed by sort order, e.g. 'fieldName desc'.
```

```
offset ▾ integer
minimum: 0
default: 0
```

```
limit ▾ integer
minimum: 1
default: 25
```

```
facets ▾ string
Comma-separated facet fields.
```

```
fields ▾ string
Comma-separated field list to include in the response.
```

```
filters ▾ string
Whitespace-separated filters.
```

**rangeFilters** ▾ `string`

Range filter: 'field YYYY-MM-DD:YYYY-MM-DD'.

**format** ▾ `string`

`default: json`

Enum:

  ▀ [ `json, csv` ]

**BadRequest** ▾ {

  description: Bad Request

}

**Forbidden** ▾ {

  description: Forbidden

}

**NotFound** ▾ {

  description: Not Found

}

**Status413** ▾ {

  description: Payload Too Large

}

**InternalError** ▾ {

  description: Internal Error

}

UPGRADE {…}