API – upper level (search requests)

URL: https://tmsearch.ai/api/search/
Test-URL: https://tmsearch.ai/api/search/?keyword=ddd&api_key=TESTAPIKEY

Please note that for testing API the following restrictions are applied:

A.   *The result is limited to 390 records, respectively maximum value for total is 390.*
B.   *First 10 most relevant records are carved out for data protection reasons.*

API TM search requests have the same functionality as the search on tmsearch.ai (all filters are powered on). For details, please refer to https://tmsearch.ai/trademark/search.html .

The requests are sent in GET-mode. To set up the system for the needs of your company individually please provide the IP addresses that will be used from your side. We will tune the system accordingly so there will be no need to provide the API key for every request.

How it works

The main request parameter is "keyword" – the combination of letters and/or numbers that will be searched in the database. If you don't fill it, there will be zero results.

In the given example - the keyword is "ddd".

Field format: alpha numeric. Only letters (Latin, Cyrillic, Hebrew and other alphabets) and numbers are allowed.

The request returns the following response in text/json

On the upper level of the array there are two elements - "total" and "result".

"total" - shows the quantity of the results received under the request fulfilled. This parameter helps to control the accuracy of the download results.

Field format: numeric.

The next parameter - "result" contains the array of the trademark application items.

```
$VAR1 = {
        'total' => 400,
        'result' => [
                {
                  'mid' => 5614,
                  'date' => {
                                'applied' => 19180509,
                                'granted' => 19180509,
                                'expiration' => 20120509
                           },
                  'verbal' => 'DDD',
                  'img' => 'UK/TM/APP/5614.jpg',
                  'status' => 'DEAD',
                  'class' => [
                                '05'
                             ],
                  'accuracy' => 99,
                  'submition' => 'UK',
                  'protection' => [
                                      'UK'
                                   ],
                  'app' => '00000383285'
                },
                {
                  'status' => 'DEAD',
                  'verbal' => 'DDD',
                  'img' => 'UK/TM/APP/5612.jpg',
                  'date' => {
```

Every item has the following keys:

"mid" - is the ancillary parameter of the trademark application. Currently this parameter is used in the image URL, and it helps to receive all the TM information promptly. In the next versions of API, it will have more powerful functionality.

Field format: numeric.

"verbal" - is the verbal element of the trademark. If the trademark does not have an image - this text is used for representation.

Field format: alpha numeric. Only letters (Latin, Cyrillic, Hebrew and other alphabets) and numbers are allowed.

"img" - provides an URL of a trademark's JPG image in the reduced format. E.g.: US/TM/APP/854834.jpg

To get the complete image link add https://img.tmsearch.ai/img/210/ to the image string received in the API response.

Where 210 - is the variable size in MB of the image requested. Now 3 image sizes are available: 210, 500, 700. You can use any – but 210 is the fastest. Thus, it is the most relevant for multiple image requests.

E.g: https://img.tmsearch.ai/img/210/US/TM/APP/854834.jpg

"status" - this field can receive 3 values: LIVE, DEAD, UNKN.

- LIVE - trademark is protected or submitted.

- DEAD - protection has expired or has been terminated for another reason.
- UNKN – the information received from TM registering offices cannot be interpreted by our system.

"class" - this key contains an array of NICE classification. ASC sorted by default.

Field format: numeric. Max length - 2

"submition" – provides the information about the registrar in which the trademark has been submitted (e.g.: WO, EU, UK, ES, IT, RU, etc.)

Field format: Latin letters only. Max length - 2

"protection" – provides the information about the region in which the trademark is/has been protected. If the TM is registered by a national registrar, for example TR (Turkey) - there will be a single protection area - TR. But if the TM has been submitted to an international registrar, e.g.: WO (WIPO), it will be protected in multiple areas – as shown in the example below:

Field format: Latin letters only. Max length - 2

```
                        '41',
                        '42'
                    ],
        'reg' => '699210',
        'accuracy' => 98,
        'protection' => [
                            'AT',
                            'BX',
                            'CH',
                            'DE',
                            'ES',
                            'FR',
                            'IT',
                            'LI',
                            'PT'
                        ],
        'submition' => 'WO',
        'app' => '699210',
        'date' => {
                        'applied' => 19980107,
                        'expiration' => 20080107,
                        'granted' => 19980107
```

Important note:

WIPO can protect a trademark in regions like EU (European Union), BX (Benelux), EMEA (Europe, Middle East and Africa) etc.

The JSON file provided never bears these abbreviations' decoding. Your system should "understand" these abbreviations itself.

```
code  |     enname
------+------------
 LU   |  Luxembourg
 BE   |  Belgium
 NL   |  Netherlands
```

Here is the table of EU members sorted ASC

```
AT    |  Austria
BG    |  Bulgaria
HR    |  Croatia
CY    |  Cyprus
CZ    |  Czech
DK    |  Denmark
EE    |  Estonia
FI    |  Finland
FR    |  France
DE    |  Germany
GR    |  Greece
HU    |  Hungary
IE    |  Ireland
IT    |  Italy
LV    |  Latvia
LT    |  Lithuania
MT    |  Malta
NL    |  Netherlands
PL    |  Poland
PT    |  Portugal
RO    |  Romania
SK    |  Slovakia
SI    |  Slovenia
ES    |  Spain
SE    |  Sweden
```

Additional note: the countries that have ceased to exist. YU (Yugoslavia), SU (Soviet Union), etc.

They can be visible at WIPO from time to time. But for most of them (about 99%) the trademarks' status is DEAD

"app" - provides the application's number.

Field format: alpha numeric.

"reg" - provides the trademark registration's number.

Field format: alpha numeric.

"date" - contains a hash consisting of 3 values - YYYYMMDD. Values can be absent.

"applied" – provides the information about the date when the trademark application was added to TM registering office.

"granted" - provides the information about the date when the trademark application was registered in the TM registering office. This field can be empty. Even though many TM registering offices provide this information, some of them don't.

"expiration" – expiration date of a TM registration. If the expiration date is in future – the trademark has the status "LIVE". If it is in the past – the trademark status is "DEAD".

"accuracy" – the similarity level of the trademark's verbal element to the keyword entered in the GET request. The maximum value is 99, which means full coincidence. The current range of values available is set by default at 80%-99%. The option to downgrade this parameter is available on request.

Field format: numeric. Max length - 2

All the trademarks shown in the "result" array are sorted in DESC order by the "accuracy" pointer.

Important: all the information about the single trademark is shown on the second level.

API – second level (get single trademark data)

URL: https://tmsearch.ai/api/info/

Test-URL sample:

https://tmsearch.ai/api/info/?number=1580418&type=REG&office=WO&api_key=TESTAPIKEY

https://tmsearch.ai/api/info/?number=83079139&type=APP&office=TR&api_key=TESTAPIKEY

The following request parameters are available:
Number – the id of application or registration. If you are not sure how to fill it correctly, please use the search on the main page of our website tmsearch.ai. This field may contain both: letters and digits. Sometimes it may start with zeros like in the UK office. In any case it is important to use all the characters.

Field format: alpha numeric.

Type. There are only two possible values – APP or REG. APP – means that application number has been used, REG – registration number has been used. APP is the default value of this parameter. *Please note that for different countries these parameters vary. For example, for Turkey only APP can be applied, while for the World Office REG is applicable.*

Office (*) – mandatory field. Need to insert two letter country code of office like in the upper level.

Field format: Latin letters. Max length - 2

Mid (numeric) is an alternative parameter for "number". This is an internal number used by our system. You can see it in the results of the upper-level requests.

(*) – must have

Every request must have one of the following parameters: either **mid** or **number.**

Response consists of a JSON structure similar to the upper-level response. Additionally, it includes:

- class information (including subclasses),
- owner information,
- attorney information,
- information renewal date, etc.

IMPORTANT! For security reasons, please use POST requests to hide api_key value!