Catalog Webservice

\-

Interface Definition

Version: 2.0
Date: 28 February 2011
Classification: confidential
Status: draft

Table of Contents

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

1   Introduction

For the TecDoc online catalog a flexible and modular request system in form of web services exists. External data users can access the volume of data of the online catalog using standard requests.

1.1   Abbreviations and terms

Term   Description
URL   Uniform Resource Locator
SOAP   Simple object Access Protocol
WSDL   Web Service Description Language

1.2   Request Parameter

The request parameters of each request function are passed in a special request object. As parameter the types integer, long, boolean and the special types String, StringList and LongList are available. An unused optional parameter must be passed as null. Mandatory parameters are marked with a cross within the Request-Type/Required-Column (example: String   X).

1.3   Result

1.3.1   Result description

The result is returned in a container object. This contains different information: A status code of the type integer and an optional status text of the type string. The state must be evaluated at the client, since exceptions at the server are not passed to the client, but are visible as status code. The search results are returned as list of data records or as tree structure. For the data in the data record objects are used, in order to be able to represent empty results as null.

1.3.2   State codes

State   Description
200   OK
400   Invalid request (e.g. invalid parameter value)
401   Request not authorized
402   Timeout
405   Method not allowed
413   Too many results found
500   Internal error

1.4   Access Control

In each request function there is a parameter provider of type integer. TecDoc assigns this number to each mandator. It is evaluated to authenticate the mandator and authorize the request together with the ip address of the request. The static ip address or addresses of the mandator are configured by TecDoc based on the information provided by the mandator.

The webservice "addDynamicAddress()" can be used. It is the first webservice described within this document.

1.5   Linkage to other databases

The TecDoc data might be linked to other databases on basis of the articleNo and brandId in the case of articles. The technical keys like articleId or articleLinkId may change with every new version of data.

Other keys needed to identify articles (like vehicle manufacturer, model, generic article) remain constant over time and just get extended by new data.

1.6   Known compatibility problems

1.6.1   .net

In versions before 3.0 of .net the older RPC/Encoded style of SOAP does not work. In order to work around this, there is also an implementation of the Wrapped/Literal style with synthetic wrapper classes. The wrapper classes do not exist, so there is no way to link it to correct namespaces at the server. Currently one needs to work around this by adjusting the namespaces at the client. If one fails to do, only empty results get returned, because the generated code at client side is not able to parse the SOAP returned by the server.

If processing arrays fails, one needs to check if there are naming conflicts. In this case the client side generator does not take the names given in WSDL.

In versions starting from 3.0 there are no known problems with the RPC/Encoded style, so there is no need to work around problems with Wrapped/Literal.

1.6.2   PHP

PHP does not implement different integer data types. Depending on the operating system an integer contains 32 or 64 bit. Therefore an automatic implicit mapping from int (32 bit) to long (64 bit) is done on discrete parameters which take a 64 bit value. However, this does not work with arrays, so there functions having arrays of strings containing the numeric values have to be used.

1.7   Remarks about single versions of webservice

Some webservices have a so called single version.
The webservice getArticleIds3() for example do have a single version called getArticleIds3Single().

Please do not implement any of the single versions.
These webservices are only for testing purposes with the simple test client.

Later on the single versions will be only available for the simple test client.

1.8   Changes in handling documents

The deprecated WebService "getArticleDocumentsByDocId()" will be unavailable within the version of 2.1.

Therefore there is a new way getting the document data:

The webservice getArticledocuments() can be used to get the docId(s) and with this Id(s) it is possible to iterate through them and get the documents directly from the Server.

To get document data from the pilot system the following URL can be used:

http://webservicepilot.tecdoc.net/pegasus-2-0/documents/(X)/(Y)/(Z)
      (X) = providerId given by TecDoc
      (Y) = docId
      (Z) = Thumbnailflag:
            0 = normal picture
            1 = thumbnail

Example:
The following URL responses a picture of an article with its normal size:
http://webservicepilot.tecdoc.net/pegasus-2-0/documents/100/655520/0

And this URL represents the thumbnail version of the same picture:
http://webservicepilot.tecdoc.net/pegasus-2-0/documents/100/655520/1

The image data within the document can vary in size and scale.

1.8.1   Access restrictions and hints for documents

It is possible to improve the performance by letting the client get the document data directly.
To enable this, the clients address must be registered with the webservice function "addDynamicAddress()".

1.8.2   URL changes for receiving the correct documents

The URL above is for the pilot/development environment only and must be changed to the URL of the live environment at the moment the implementation is running against this.

Here is an example how the change could look like:
http://webservice.tecdoc.net/pegasus-2-0/documents/100/655520/0

2   Get general data
Find data that is generally needed.

2.1   Add dynamic address
Permit access to the webservice to the specified address for a limited time. This function is allowed to be called only from existant static addresses.

Function:
addDynamicAddress()

Result:

Field	Type	Description
validityHours	Integer	Calculated time/Hours the access is granted to the given addresses.

Request Parameter:

Name	Type/Required		States	Description
address	String	X	aaa.bbb.ccc.ddd	Address like 127.0.0.1
provider	Integer	X	Provider ID given by TecDoc	Provider ID
validityHours	Integer	X	1 ... 24	Time to permit access counted in hours. Adjusted automatically if not in range.

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 7 of 155

2.2   Version info

Get version info about the currently running service.

Function:

getPegasusVersionInfo()

Result:

Field	Type	Description
build	Integer	Number incremented at each build.
date	String	Timestamp of current build.
major	Integer	Incremented at major changes which are not expected to be compatible to a previous version.
minor	Integer	Incremented at minor changes or enhancements and expected to be compatible to a previous version.
revision	Integer	Distinguishes otherwise identically builds.

Request Parameter:

Name	Type/Required		States	Description
provider	Integer	X	Provider ID given by TecDoc	Provider ID

2.3   Get TecDoc languages (NEW)

Get available TecDoc languages like "German".

Function:

getLanguages()

Result:

Field	Type	Description
languageCode	String	Language code (ISO 639)
languageName	String	Language name

Request Parameter:

Name	Type/Required	States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

2.4 Get TecDoc countries (NEW)

Get available TecDoc countries like "Germany".

Function:

getCountries()

Result:

Field	Type	Description
countryCode	String	Country code (ISO 3166)
countryName	String	Country name

Request Parameter:

Name	Type/Required		States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

2.5   Get TecDoc country groups

Get available TecDoc country groups like "Europe".

Function:
getCountryGroups()

Result:

Field	Type	Description
countryName	String	Country name
tecdocCode	String	TecDoc code

Request Parameter:

Name	Type/Required	States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
The result could get cached per language.

2.6   Get Key table values

In the results of the request functions references of key tables are returned (KT xxx). The assigned entries are found by calling this function if needed. The language specific texts of these references should get cached and added to the search result as required.

Function:

getKeyValuesForTraderMode()

Result:

Field	Type	Description
keyId	String	Key ID
keyTableId	Integer	Key table ID
keyValue	String	Key value

Request Parameter:

Name	Type/Required	States	Description
keyTableId	Integer	X	Key table ID	Key table ID
lang	String	X	Language according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

2.7   Get criteria

In the results of the request functions references of criterion are returned. The assigned entries are found by calling this function if needed. The language specific texts of these references should get cached and added to the search result as required.

Function:

getCriteria2()

Result:

Field	Type	Description
criteriaId	Long	Criterion ID
criteriaName	String	Criterion name
criteriaShortName	String	Short name
criteriaType	String	A: Alphanumeric K: Key N: Numeric V: Without value
criteriaUnit	String	Unit
isInterval	Boolean	Flag: true: isInterval, false: is not
successorId	Long	Successor ID

Request Parameter:

Name	Type/Required	States		Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

3   Get brands and brand information
Find brands and their addresses.

3.1   Get brands
Find all currently available brands for this mandator.

Function:
getBrandsForAssortment()

Result:

Field	Type	Description
brandName	String	Brand name
brandNo	Long	Brand no

Request Parameter:

Name	Type/Required		States	Description
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
The result could get cached. Based on the selection of the mandator TecDoc can adjust the brands available for him in order to increase speed and decrease traffic.

3.2   Get manufacturer addresses (DEPRECATED)
Find manufacturer addresses.

Function:
getManufacturerInfosById()

Result:

Field	Type	Description
addressName	String	Address name
addressType	Long	Address type (KT 059)
city	String	City
city2	String	City 2
email	String	Email
fax	String	Fax
logoDocId	String	Document ID for logo
mailbox	String	Mailbox
name	String	Name
name2	String	Name2
phone	String	Phone
street	String	Street
street2	String	Street 2
wwwURL	String	URL
zip	String	Zip
zipCountryCode	String	Country code for zip
zipMailbox	String	Zip mailbox
zipSpecial	String	Zip special

Request Parameter:

Name	Type/Required	States	Description
brandNo	Long	X	Result of brand selection	Brand number
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

3.3   Get manufacturer addresses (NEW)
Find manufacturer addresses.

Function:
getManufacturerInfosById2()

Result:
Field	Type	Description
addressLine1	String	Address line 1
addressLine2	String	Address line 2
addressLine3	String	Address line 3
addressLine4	String	Address line 4
addressLine5	String	Address line 5
addressLine6	String	Address line 6
addressName	String	Address name
addressType	Long	Address type (KT 059)
country	String	Country code for Brand address
description1	String	Additional description of the address
description2	String	Additional description of the address
description3	String	Additional description of the address
email	String	Email
fax	String	Fax
logoDocId	String	Document ID for logo
name	String	Name
phone	String	Phone
wwwURL	String	URL

Request Parameter:
Name	Type/Required	States	Description
brandNo	Long	X	Result of brand selection	Brand number
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 16 of 155

4 Get vehicle

Find vehicles and vehicle data.

4.1 Get vehicle manufacturers (simplified or standard selection) (DEPRECATED)

Find vehicle manufacturers.

Function:

getVehicleManufacturers2()

Result:

Field	Type	Description
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

Request Parameter:

Name	Type/Required	States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
evalFavor	Boolean	X	true, if simplified vehicle selection else false	Flag: simplified vehicle selection
favouredList	Integer		If simplified vehicle selection: favoured list: 1: first list 0: rest else null Others tbd	Favoured list for simplified vehicle selection
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result may get cached.

4.2   Get vehicle manufacturers (simplified or standard selection) (NEW)

Find vehicle manufacturers.

Function:

getVehicleManufacturers3()

Result:

Field	Type	Description
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
evalFavor	Boolean	X	true, if simplified vehicle selection else false	Flag: simplified vehicle selection
favouredList	Integer		If simplified vehicle selection: favoured list: 1: first list 0: rest else null Others tbd	Favoured list for simplified vehicle selection
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result may get cached.

4.3 Get vehicle models (simplified or standard selection) (DEPRECATED)

Find vehicle models.

Function:

getVehicleModels2()

Result:

Field	Type	Description
modelId	Long	Model ID
modelname	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for model selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
evalFavor	Boolean	X	true, if simplified vehicle selection else false	Flag: simplified model selection
favouredList	Integer		If simplified vehicle selection: favoured list: 1: first list 0: rest else null Others tbd	Favoured list for simplified model selection
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 19 of 155

4.4 Get vehicle models (simplified or standard selection) (NEW)

Find vehicle models.

Function:

getVehicleModels3()

Result:

Field	Type	Description
modelId	Long	Model ID
modelname	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for model selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
evalFavor	Boolean	X	true, if simplified vehicle selection else false	Flag: simplified model selection
favouredList	Integer		If simplified vehicle selection: favoured list: 1: first list 0: rest else null Others tbd	Favoured list for simplified model selection
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 20 of 155

4.5   Get axis configurations
Return available axis configurations.

Function:
getAxisConfigurations()

Result:

Field	Type	Description
axisConfigID	Long	Axis configuration ID
axisConfigName	String	Axis configuration name

Request Parameter:

Name	Type/Required	States		Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
The result may get cached per language.

4.6 Get construction types
Return available construction types.

Function:
getConstructionTypes()

Result:

Field	Type	Description
constrTypeID	Long	Construction type ID
constrTypeName	String	Construction type name

Request Parameter:

Name	Type/Required		States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
The result may get cached per language.

4.7   Get fuel types
Return available fuel types.

Function:
getFuelTypes()

Result:

Field	Type	Description
fuelTypeID	Long	Fuel type ID
fuelTypeName	String	Fuel type name

Request Parameter:

Name	Type/Required	States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
The result may get cached per language.

4.8 Get vehicle by model description (advanced search) (DEPRECATED)

Find vehicles by advanced selection.

Function:

getVehicleIdsByCarTypeManuIdTerm()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required	States	Description
axisConfigurationId	Long	Result of configuration selection	Configuration ID
carType	Integer X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
constructionTypeId	Long	Result of construction type selection	Construction type ID
countriesCarSelection	String X	Country code according to ISO 3166 or TecDoc country group code	Country of vehicle selection
countryGroupFlag	Boolean X	true, if country group selection else false	Flag: country group selection
cylinderCapacityFrom	Integer	Capacity / ccm	From capacity
cylinderCapacityTo	Integer	Capacity / ccm	To capacity
fuelTypeId	Long	Result of fuel type selection	Fuel type ID
lang	String X	Language code according to ISO 639	Language
manuId	Long X	Result of vehicle manufacturer selection	Manufacturer ID
modelDescription	String	Result of vehicle model selection	Model description
powerFrom	Integer	Power / HP or power / KW	From power
powerHpType	Boolean	true: HP false: KW	Flag: power type
powerTo	Integer	Power / HP or power / KW	To power
provider	Integer X	Provider ID given by TecDoc	Provider ID
tonnageFrom	Integer	Tonnage / T	From Tonnage
tonnageTo	Integer	Tonnage / T	To Tonnage
yearOfConstruction	Integer	Construction year [YYYY]	Construction year

4.9   Get vehicle by model description (advanced search) (NEW)

Find vehicles by advanced selection.

Function:

getVehicleIdsByCarTypeManuIdTerm2()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required		States	Description
axisConfigurationId	Long		Result of configuration selection	Configuration ID
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
constructionTypeId	Long		Result of construction type selection	Construction type ID
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country of vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
cylinderCapacityFrom	Integer		Capacity / ccm	From capacity
cylinderCapacityTo	Integer		Capacity / ccm	To capacity
fuelTypeId	Long		Result of fuel type selection	Fuel type ID
lang	String	X	Language code according to ISO 639	Language
manuId	Long		Result of vehicle manufacturer selection or null (one of manufacturer id or model description must be filled)	Manufacturer ID
modelDescription	String		Result of vehicle model selection or null (one of manufacturer id or model description must be filled)	Model description
powerFrom	Integer		Power / HP or power / KW	From power
powerHpType	Boolean		true: HP false: KW	Flag: power type
powerTo	Integer		Power / HP or power / KW	To power
provider	Integer	X	Provider ID given by TecDoc	Provider ID
tonnageFrom	Integer		Tonnage / T	From Tonnage
tonnageTo	Integer		Tonnage / T	To Tonnage
yearOfConstruction	Integer		Construction year [YYYY]	Construction year

4.10   Get vehicle by model ID (advanced search) (DEPRECATED)
Find vehicles by advanced selection.

Function:
getVehicleIdsByCarTypeManuIdModelIdCriteria2()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required	States	Description
axisConfigurationId	Long		Result of configuration selection	Configuration ID
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
constructionTypeId	Long		Result of construction type selection	Construction type ID
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country of vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
cylinderCapacityFrom	Integer		Capacity / ccm	From capacity
cylinderCapacityTo	Integer		Capacity / ccm	To capacity
fuelTypeId	Long		Result of fuel type selection	Fuel type ID
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
modId	Long	X	Result of vehicle model selection	Model ID
powerFrom	Integer		Power / HP or power / KW	From power
powerHpType	Boolean		true: HP false: KW	Flag: power type
powerTo	Integer		Power / HP or power / KW	To power
provider	Integer	X	Provider ID given by TecDoc	Provider ID
tonnageFrom	Integer		Tonnage / T	From Tonnage
tonnageTo	Integer		Tonnage / T	To Tonnage
yearOfConstruction	Integer		Construction year [YYYY]	Construction year

4.11   Get vehicle by model ID (advanced search) (NEW)
Find vehicles by advanced selection.

Function:
getVehicleIdsByCarTypeManuIdModelIdCriteria3()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required		States	Description
axisConfigurationId	Long		Result of configuration selection	Configuration ID
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
constructionTypeId	Long		Result of construction type selection	Construction type ID
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country of vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
cylinderCapacityFrom	Integer		Capacity / ccm	From capacity
cylinderCapacityTo	Integer		Capacity / ccm	To capacity
fuelTypeId	Long		Result of fuel type selection	Fuel type ID
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
modId	Long	X	Result of vehicle model selection	Model ID
powerFrom	Integer		Power / HP or power / KW	From power
powerHpType	Boolean		true: HP false: KW	Flag: power type
powerTo	Integer		Power / HP or power / KW	To power
provider	Integer	X	Provider ID given by TecDoc	Provider ID
tonnageFrom	Integer		Tonnage / T	From Tonnage
tonnageTo	Integer		Tonnage / T	To Tonnage
yearOfConstruction	Integer		Construction year [YYYY]	Construction year

4.12   Get vehicle (DEPRECATED)

Find vehicles for simplified selection.

Function:

getVehicleSimplifiedSelection2()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
cylinderCapacity	Integer	Capacity / ccm
firstCountry	String	First country code (according to ISO 3166)
linked	Integer	Number of article assignments
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	True, if country group selection else false	Flag: country group selection
countryUserSetting	String		If model selection with article assignments: country code according to ISO 3166 else null	Country for article assignments
favouredList	Integer	X	1: Favored list 0: Rest Others tbd	Favoured list for simplified selection
lang	String	X	Language code according to ISO 639	Language
linked	Boolean	X	False: all True: only linked articles	Flag: selection with / without article assignments
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
modId	Long	X	Result of model selection	Model ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

4.13   Get vehicle (simplified selection) with motor codes (DEPRECATED)

Find vehicles for simplified selection with motor codes.

Function:

getVehicleSimplifiedSelection3()

Result:

Field	Type	Description
CarDetails	VehicleSimplifiedSelection2Record	List of basic vehicle details
MotorCodes	MotorCodesByCarIdRecordSeq	List of motor codes

SubResult: MotorCodesByCarIdRecordSeq

Field	Type	Description
motorCode	String	Motor code

SubResult: VehicleSimplifiedSelection2Record

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
cylinderCapacity	Integer	Capacity / ccm
firstCountry	String	First country code (according to ISO 3166)
linked	Integer	Number of article assignments
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 30 of 155

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	True, if country group selection else false	Flag: country group selection
countryUserSetting	String		If model selection with article assignments: country code according to ISO 3166 else null	Country for article assignments
favouredList	Integer	X	1: Favored list 0: Rest Others tbd	Favoured list for simplified selection
lang	String	X	Language code according to ISO 639	Language
linked	Boolean	X	False: all True: only linked articles	Flag: selection with / without article assignments
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
modId	Long	X	Result of model selection	Model ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

4.14   Get vehicle (simplified selection) with motor codes (NEW)

Find vehicles for simplified selection with motor codes.

Function:

getVehicleSimplifiedSelection4()

Result:

Field	Type	Description
CarDetails	VehicleSimplifiedSelect-ionRecord	List of basic vehicle details
MotorCodes	MotorCodesByCarIdRecord-Seq	List of motor codes

SubResult: MotorCodesByCarIdRecordSeq

Field	Type	Description
motorCode	String	Motor code

SubResult: VehicleSimplifiedSelectionRecord

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
cylinderCapacity	Integer	Capacity / ccm
firstCountry	String	First country code (according to ISO 3166)
linked	Integer	Number of article assignments
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	True, if country group selection else false	Flag: country group selection
countryUserSetting	String		If model selection with article assignments: country code according to ISO 3166 else null	Country for article assignments
favouredList	Integer	X	1: Favored list 0: Rest Others tbd	Favoured list for simplified selection
lang	String	X	Language code according to ISO 639	Language
linked	Boolean	X	False: all True: only linked articles	Flag: selection with / without article assignments
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
modId	Long	X	Result of model selection	Model ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

4.15   Get vehicle by KType number (NEW)

Find vehicle by TecDoc-KType or NType number.

Function:

getVehicleIdsByKTypeNumber()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID
typeNumber	Integer	X	Type number	KType or NType number

4.16   Get vehicle by motor ID (DEPRECATED)

Find vehicles by motor ID.

Function:

getVehicleIdsByMotor()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required	States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country of vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language code according to ISO 639	Language
motorId	Long	X	Result of motor selection	Motor ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

4.17   Get vehicle by motor ID (NEW)

Find vehicles by motor ID.

Function:

getVehicleIdsByMotor2()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country of vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language code according to ISO 639	Language
motorId	Long	X	Result of motor selection	Motor ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 36 of 155

4.18   Get vehicle ID's by body type ID

Find vehicle ID's by body type ID.

Function:

getVehicleIdsByMark()

Result:

Field	Type	Description
carId	Long	Vehicle Id
term	String	Short vehicle description

Request Parameter:

Name	Type/Required		States	Description
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
countryUserSetting	String	X	Country code according to ISO 3166	Country for article assignments
lang	String	X	Language code according to ISO 639	Language
markId	Long	X	Body type ID	Body type ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

4.19   Get vehicles by body type name (DEPRECATED)

Find vehicles by their body type name.

Function:

getVehicleIdsByVendorId()

Result:

Field	Type	Description
carId	Long	Car ID
firstCountry	String	First country code (according to ISO 3166)
term	String	Short vehicle description

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Manufacturer ID	Id of vehicle manufacturer like '55' of 'IVECO'
provider	Integer	X	Provider ID given by TecDoc	Provider ID
vendorName	String	X	Vendor name	Body type name like 'E3MPC1A1'

4.20   Get vehicles by body type name (NEW)

Find vehicles by their body type name.

Function:

getVehicleIdsByVendorId2()

Result:

Field	Type	Description
carId	Long	Car ID
firstCountry	String	First country code (according to ISO 3166)
term	String	Short vehicle description

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Manufacturer ID	Id of the vehicle manufacturer like '55' for 'IVECO'
provider	Integer	X	Provider ID given by TecDoc	Provider ID
vendorName	String	X	Vendor name	Body type name like 'E3MPC1A1'

4.21   Get vehicle by ID Code system

Find vehicles by an ID Code system with model and manufacturer.

Function:

getVehicleIdsByKeyNumberPlates3()

Result:

Field	Type	Description
carId	Long	Vehicle ID
carName	String	Vehicle name
firstCountry	String	First country code (according to ISO 3166)
manuId	Long	Manufacturer ID
modelId	Long	Model ID

Request Parameter:

Name	Type/Required		States	Description
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
countryUserSetting	String		If vehicle selection with article assignments: country code according to ISO 3166 else null	Country for article assignments
keySystemNumber	String	X	Key system number	ID Code
keySystemType	Integer	X	Key system type: 1: Dutch NumberPlate 2: French TypeMine 3: Swedish NumberPlate 4: Swiss Typenumber 5: Danish NumberPlate 6: Austrian NatCodes 7: Norwegian NumberPlate 8: Finnish NumberPlate 20: German KBA Number 21: French TypeMine (similar search) Others tbd.	ID Code system
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

4.22   Get all vehicle details by a list (DEPRECATED)

Find vehicle detail information by a list of ID's.

Function:

getVehicleByIds()

Result:

Field	Type	Description
carId	Long	Vehicle ID
MotorCodes	MotorCodesByCarIdRecord-Seq	List of motor codes
PassengerCarDetails	PassengerCarDetailsRecord	Passenger car details
VehicleDetails	VehicleByIdRecord	Vehicle details
VehicleTerms	VehicleByIdWithTermRecord	Vehicle terms

SubResult: MotorCodesByCarIdRecordSeq

Field	Type	Description
motorCode	String	Motor code

SubResult: PassengerCarDetailsRecord

Field	Type	Description
brakeSystem	String	Brake system
constructionType	String	Construction type
cylinder	Integer	Cylinder
cylinderCapacityCcm	Integer	Cylinder capacity / CCM
cylinderCapacityLiter	Integer	Cylinder capacity / Liter
fuelType	String	Fuel type
fuelTypeProcess	String	Fuel type process
impulsionType	String	Impulsion Type
manuName	String	Manufacturer
modelName	String	Model name
motorType	String	Motor type
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
typeName	String	Type name
typeNumber	Integer	Type number
valves	Integer	Valves
yearOfConstructionFrom	Integer	From construction year [YYYYMM]
yearOfConstructionTo	Integer	To construction year [YYYYMM]

SubResult: *VehicleByIdRecord*

Field	Type	Description
axisConfiguration	String	Axis configuration name
carId	Long	Vehicle ID
ccmTech	Integer	Capacity / ccm
constructionType	String	Construction type name
manuId	Long	Manufacturer ID
modId	Long	Model ID
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
tonnage	Integer	Tonnage / T
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: *VehicleByIdWithTermRecord*

Field	Type	Description
carId	Long	Vehicle ID
carType	String	Vehicle type
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
modId	Long	Model ID
modelName	String	Model name

Request Parameter:

Name	Type/Required		States	Description
carIds	LongList	X	Result of vehicle selection	List of Vehicle ID's (max 25)
country	String	X	Country code according to ISO 3166	Country
countryUserSetting	String	X	Country code according to ISO 3166	Country of article assignments
lang	String	X	Language code according to ISO 639	Language
motorCodes	Boolean	X	If true, get motor codes	Motor Codes
passengerCarDetails	Boolean	X	If true, get passenger car details	Passenger car details
provider	Integer	X	Provider ID given by TecDoc	Provider ID
vehicleTerms	Boolean	X	If true, get vehicle terms	Vehicle terms

4.23   Get all vehicle details by a list of string id's (DEPRECATED)

Find vehicle detail information by a list of string id's. It is only needed for compatibility to environments missing the "long" data type (like php). If possible do not call this function, instead call the original function (with an array of long).

Function:
getVehicleByIdsStringList()

Result:

Field	Type	Description
carId	Long	Vehicle ID
MotorCodes	MotorCodesByCarIdRecord-Seq	List of motor codes
PassengerCarDetails	PassengerCarDetailsRecord	Passenger car details
VehicleDetails	VehicleByIdRecord	Vehicle details
VehicleTerms	VehicleByIdWithTermRecord	Vehicle terms

SubResult: MotorCodesByCarIdRecordSeq

Field	Type	Description
motorCode	String	Motor code

SubResult: PassengerCarDetailsRecord

Field	Type	Description
brakeSystem	String	Brake system
constructionType	String	Construction type
cylinder	Integer	Cylinder
cylinderCapacityCcm	Integer	Cylinder capacity / CCM
cylinderCapacityLiter	Integer	Cylinder capacity / Liter
fuelType	String	Fuel type
fuelTypeProcess	String	Fuel type process
impulsionType	String	Impulsion Type
manuName	String	Manufacturer
modelName	String	Model name
motorType	String	Motor type
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
typeName	String	Type name
typeNumber	Integer	Type number
valves	Integer	Valves
yearOfConstructionFrom	Integer	From construction year [YYYYMM]
yearOfConstructionTo	Integer	To construction year [YYYYMM]

SubResult: *VehicleByIdRecord*

Field	Type	Description
axisConfiguration	String	Axis configuration name
carId	Long	Vehicle ID
ccmTech	Integer	Capacity / ccm
constructionType	String	Construction type name
manuId	Long	Manufacturer ID
modId	Long	Model ID
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
tonnage	Integer	Tonnage / T
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: *VehicleByIdWithTermRecord*

Field	Type	Description
carId	Long	Vehicle ID
carType	String	Vehicle type
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
modId	Long	Model ID
modelName	String	Model name

Request Parameter:

Name	Type/Required		States	Description
carIds	StringList	X	Result of vehicle selection	List of Vehicle ID's (max 25)
country	String	X	Country code according to ISO 3166	Country
countryUserSetting	String	X	Country code according to ISO 3166	Country of article assignments
lang	String	X	Language code according to ISO 639	Language
motorCodes	Boolean	X	If true, get motor codes	Motor Codes
passengerCarDetails	Boolean	X	If true, get passenger car details	Passenger car details
provider	Integer	X	Provider ID given by TecDoc	Provider ID
vehicleTerms	Boolean	X	If true, get vehicle terms	Vehicle terms

4.24   Get all vehicle details by a list (NEW)
Find vehicle detail information by a list of ID's.

Function:
getVehicleByIds2()

Result:

Field	Type	Description
carId	Long	Vehicle ID
Axles	AxleByCarIdRecordSeq	Axles
Cabs	CabsByCarIdRecordSeq	Cab types
MotorCodes	MotorCodesByCarIdRecord-Seq	List of motor codes
SecondaryTypes	SecondaryTypesByCarIdRe-cordSeq	Secondary types
VehicleDetails	VehicleByIdRecord	Vehicle details
VehicleDetails2	VehicleDetailsRecord	Vehicle details2
VehicleTerms	VehicleByIdWithTermRecord	Vehicle terms
WheelBases	WheelBasesByCarIdRecord-Seq	Wheelbase

SubResult: AxleByCarIdRecordSeq

Field	Type	Description
axleDescription	String	Axle description
axleManufacturer	String	Axle manufacturer
axleModel	String	Axle model name
axlePosition	String	Axle position name (KT 064)

SubResult: CabsByCarIdRecordSeq

Field	Type	Description
cabName	String	Cab name

SubResult: MotorCodesByCarIdRecordSeq

Field	Type	Description
motorCode	String	Motor code

SubResult: SecondaryTypesByCarIdRecordSeq

Field	Type	Description
subTypeDescription	String	Subtype description
subTypeId	Long	Subtype Id

SubResult: VehicleByIdRecord

Field	Type	Description
axisConfiguration	String	Axis configuration name
carId	Long	Vehicle ID
ccmTech	Integer	Capacity / ccm
constructionType	String	Construction type name
manuId	Long	Manufacturer ID
modId	Long	Model ID
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
tonnage	Integer	Tonnage / T
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: VehicleByIdWithTermRecord

Field	Type	Description
carId	Long	Vehicle ID
carType	String	Vehicle type
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
modId	Long	Model ID
modelName	String	Model name

SubResult: VehicleDetailsRecord

Field	Type	Description
brakeSystem	String	Brake system
constructionType	String	Construction type
cylinder	Integer	Cylinder
cylinderCapacityCcm	Integer	Cylinder capacity / CCM
cylinderCapacityLiter	Integer	Cylinder capacity / Liter
fuelType	String	Fuel type
fuelTypeProcess	String	Fuel type process
impulsionType	String	Impulsion Type
manuName	String	Manufacturer
modelName	String	Model name
motorType	String	Motor type
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
typeName	String	Type name
typeNumber	Integer	Type number
valves	Integer	Valves
yearOfConstructionF-rom	Integer	From construction year [YYYYMM]
yearOfConstructionTo	Integer	To construction year [YYYYMM]

SubResult: WheelBasesByCarIdRecordSeq

Field	Type	Description
axlePosition	String	Axle position
wheelbase	Integer	Wheelbase
wheelbaseId	Long	Wheelbase ID

Request Parameter:

Name	Type/Required		States	Description
axles	Boolean	X	If true, get axles	Axles
cabs	Boolean	X	If true, get cabs	Cabs
carIds	LongList	X	Result of vehicle selection	List of Vehicle ID's (max 25)
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
country	String	X	Country code according to ISO 3166	Country
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
countryUserSetting	String	X	Country code according to ISO 3166	Country of article assignments
lang	String	X	Language code according to ISO 639	Language
motorCodes	Boolean	X	If true, get motor codes	Motor Codes
provider	Integer	X	Provider ID given by TecDoc	Provider ID
secondaryTypes	Boolean	X	If true, get secondary types	SecondaryTypes
vehicleDetails2	Boolean	X	If true, get vehicle details 2	Vehicle Details 2
vehicleTerms	Boolean	X	If true, get vehicle terms	Vehicle terms
wheelbases	Boolean	X	If true, get wheelbases	Wheelbases

4.25   Get all vehicle details by a list of string id's (NEW)

Find vehicle detail information by a list of string id's. It is only needed for compatibility to environments missing the "long" data type (like php). If possible do not call this function, instead call the original function (with an array of long).

Function:

getVehicleByIds2StringList()

Result:

Field	Type	Description
carId	Long	Vehicle ID
Axles	AxleByCarIdRecordSeq	Axles
Cabs	CabsByCarIdRecordSeq	Cab types
MotorCodes	MotorCodesByCarIdRecord- Seq	List of motor codes
SecondaryTypes	SecondaryTypesByCarIdRe- cordSeq	Secondary types
VehicleDetails	VehicleByIdRecord	Vehicle details
VehicleDetails2	VehicleDetailsRecord	Vehicle details2
VehicleTerms	VehicleByIdWithTermRecord	Vehicle terms
WheelBases	WheelBasesByCarIdRecord- Seq	Wheelbase

SubResult: AxleByCarIdRecordSeq

Field	Type	Description
axleDescription	String	Axle description
axleManufacturer	String	Axle manufacturer
axleModel	String	Axle model name
axlePosition	String	Axle position name (KT 064)

SubResult: CabsByCarIdRecordSeq

Field	Type	Description
cabName	String	Cab name

SubResult: MotorCodesByCarIdRecordSeq

Field	Type	Description
motorCode	String	Motor code

SubResult: SecondaryTypesByCarIdRecordSeq

Field	Type	Description
subTypeDescription	String	Subtype description
subTypeId	Long	Subtype Id

SubResult: VehicleByIdRecord

Field	Type	Description
axisConfiguration	String	Axis configuration name
carId	Long	Vehicle ID
ccmTech	Integer	Capacity / ccm
constructionType	String	Construction type name
manuId	Long	Manufacturer ID
modId	Long	Model ID
powerHpFrom	Integer	From power / HP
powerHpTo	Integer	To power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To power / KW
tonnage	Integer	Tonnage / T
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: VehicleByIdWithTermRecord

Field	Type	Description
carId	Long	Vehicle ID
carType	String	Vehicle type
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
modId	Long	Model ID
modelName	String	Model name

SubResult: VehicleDetailsRecord

Field	Type	Description
brakeSystem	String	Brake system
constructionType	String	Construction type
cylinder	Integer	Cylinder
cylinderCapacityCcm	Integer	Cylinder capacity / CCM
cylinderCapacityLiter	Integer	Cylinder capacity / Liter
fuelType	String	Fuel type
fuelTypeProcess	String	Fuel type process
impulsionType	String	Impulsion Type
manuName	String	Manufacturer
modelName	String	Model name
motorType	String	Motor type
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
typeName	String	Type name
typeNumber	Integer	Type number
valves	Integer	Valves
yearOfConstructionF- rom	Integer	From construction year [YYYYMM]
yearOfConstructionTo	Integer	To construction year [YYYYMM]

SubResult: WheelBasesByCarIdRecordSeq

Field	Type	Description
axlePosition	String	Axle position
wheelbase	Integer	Wheelbase
wheelbaseId	Long	Wheelbase ID

Request Parameter:

Name	Type/Required		States	Description
axles	Boolean	X	If true, get axles	Axles
cabs	Boolean	X	If true, get cabs	Cabs
carIds	StringList	X	Result of vehicle selection	List of Vehicle ID's (max 25)
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
country	String	X	Country code according to ISO 3166	Country
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
countryUserSetting	String	X	Country code according to ISO 3166	Country of article assignments
lang	String	X	Language code according to ISO 639	Language
motorCodes	Boolean	X	If true, get motor codes	Motor Codes
provider	Integer	X	Provider ID given by TecDoc	Provider ID
secondaryTypes	Boolean	X	If true, get secondary types	SecondaryTypes
vehicleDetails2	Boolean	X	If true, get vehicle details 2	Vehicle details2
vehicleTerms	Boolean	X	If true, get vehicle terms	Vehicle terms
wheelbases	Boolean	X	If true, get wheelbases	Wheelbases

5   Get axles and axle information

Find axles.

5.1   Get axle manufacturers

Return all axle manufacturers.

Function:

getAxlesManufacturers2()

Result:

Field	Type	Description
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

Request Parameter:

Name	Type/Required		States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

5.2   Get axle models

Find axle models.

Function:

getAxleModels()

Result:

Field	Type	Description
modelId	Long	Modell ID
modelName	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of axle manufacturer selection	Manufacturer ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

5.3   Get brake sizes
Return all available brake sizes.

Function:
getAxleBrakeSizes()

Result:

Field	Type	Description
brakeSize	String	Brake size
brakeSizeId	Long	Brake size ID
brakeSizeName	String	Brake size name

Request Parameter:

Name	Type/Required	States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
The result may get cached per language.

5.4   Get axle styles

Return all available axle styles.

Function:

getAxleStyles()

Result:

Field	Type	Description
axleStyleId	Long	Axle style ID
axleStyleName	String	Axle style name

Request Parameter:

Name	Type/Required	States		Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

5.5   Get axle types

Return all available axle types.

Function:

getAxleTypes()

Result:

Field	Type	Description
axleTypeId	Long	Axle type ID
axleTypeName	String	Axle type name

Request Parameter:

Name	Type/Required		States	Description
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:

The result could get cached per language.

5.6   Get axles (DEPRECATED)
Find axles by advanced selection.

Function:
getAxleIdByTypeManCriteria2()

Result:

Field	Type	Description
axleId	Long	Axle ID

Request Parameter:

Name	Type	Required	States	Description
axleDescription	String		Axle name	Axle name
axleStyleId	Long		Result of axle style selection	Axle style ID
axleTypeId	Long		Result of axle type selection	Axle type ID
brakeSizeId	Long		Result of brake size selection	Brake size ID
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of axle manufacturer selection	Manufacturer ID
modelId	Long		Result of axle model selection	Axle model ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID
yearOfConstruction	Integer		Construction year [YYYY]	Construction year

5.7   Get axles (NEW)

Find axles by advanced selection.

Function:

getAxleIdByTypeManCriteria3()

Result:

Field	Type	Description
axleId	Long	Axle ID

Request Parameter:

Name	Type/Required	States	Description
axleDescription	String	Axle name or null (one of manufacturer id or axle name must be filled)	Axle name
axleStyleId	Long	Result of axle style selection	Axle style ID
axleTypeId	Long	Result of axle type selection	Axle type ID
brakeSizeId	Long	Result of brake size selection	Brake size ID
lang	String X	Language code according to ISO 639	Language
manuId	Long	Result of axle manufacturer selection or null (one of manufacturer id or axle name must be filled)	Manufacturer ID
modelId	Long	Result of axle model selection	Axle model ID
provider	Integer X	Provider ID given by TecDoc	Provider ID
searchExact	Boolean	true: search exact false: no search exact	Flag: Search exact
yearOfConstruction	Integer	Construction year [YYYY]	Construction year

5.8   Get a list of axle body types (NEW)

Get a list of axle body types.

Function:

getAxleKeyNumbers()

Result:

Field	Type	Description
bodyTypeName	String	Body Type name
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

Request Parameter:

Name	Type/Required		States	Description
axleId	Long		Result of axle selection	Axle ID
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchExact	Boolean		true: search exact false: no search exact	Flag: Search Exact
searchPattern	String		Search Pattern	Search Pattern

5.9   Get axles by a body type name (NEW)

Find axles by a body type name.

Function:

getAxleIdByKeyNumber()

Result:

Field	Type	Description
axleId	Long	Axle ID

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of axle manufacturer selection	Manufacturer ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchPattern	String	X	Search pattern	Search pattern for body type like '4B'

5.10   Get axle details by a list (DEPRECATED)
Find axle details by a list of long id's.

Function:
getAxleByIds()

Result:

Field	Type	Description
axleId	Long	Axle ID
AxleDetails	AxleByIdRecord	Axle details

SubResult: AxleByIdRecord

Field	Type	Description
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	From axle load/kg
axleLoadUpto	Integer	To axle load/kg
axleTypeId	Long	Axle type ID
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
manuShortName	String	Manufacturer short name
modelId	Long	Axle model ID
modelName	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
axleIds	LongList	X	Result of axle selection	Axle ID (max 25)
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

5.11   Get axle details by a list of string id's (DEPRECATED)

Find axle details by a list of string id's. It is only needed for compatibility to environments missing the "long" data type (like php). If possible
do not call this function, instead call the original function
(with an array of long).

Function:

getAxleByIdsStringList()

Result:

Field	Type	Description
axleId	Long	Axle ID
AxleDetails	AxleByIdRecord	Axle details

SubResult: AxleByIdRecord

Field	Type	Description
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	From axle load/kg
axleLoadUpto	Integer	To axle load/kg
axleTypeId	Long	Axle type ID
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
manuShortName	String	Manufacturer short name
modelId	Long	Axle model ID
modelName	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
axleIds	StringList	X	Result of axle selection	Axle ID's (max 25)
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

5.12   Get axle details by a list (NEW)

Find axle details by a list of long id's.

Function:

getAxleByIds2()

Result:

Field	Type	Description
axleId	Long	Axle ID
isBodyTypes	Boolean	Flag:has body types
isDetails2	Boolean	Flag:has extended details
isWheelbases	AxleWheelbasesRecordSeq	Wheel bases
AxleDetails	AxleByIdRecord	Axle details
AxleDetails2	AxleDetailsByIdRecordSeq	Axle details2
BodyType	AxleKeyNumbersRecordSeq	Body type
WheelBases	AxleWheelbasesRecordSeq	Wheel bases

SubResult: AxleByIdRecord

Field	Type	Description
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	From axle load/kg
axleLoadUpto	Integer	To axle load/kg
axleTypeId	Long	Axle type ID
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
manuShortName	String	Manufacturer short name
modelId	Long	Axle model ID
modelName	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: *AxleDetailsByIdRecordSeq*

Field	Type	Description
axleBodyType	String	Axle body type (KT 214)
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	Axle load from / kg
axleLoadTo	Integer	Axle load to / kg
axleManufacturer	String	Axle manufacturer
axleModel	String	Axle model
axleStyle	String	Axle style (KT 095)
axleType	String	Axle type (KT 068)
brakeType	String	Brake type (KT 083)
driveHeightFrom	Integer	Drive height from
driveHeightTo	Integer	Drive height to
hubSystem	String	Hub system
trackGauge	Integer	Track gauge
wheelMount	String	Wheel mount (KT 213)
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: *AxleKeyNumbersRecordSeq*

Field	Type	Description
bodyTypeName	String	Body Type name
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

SubResult: *AxleWheelbasesRecordSeq*

Field	Type	Description
axlePositionId	Long	Axle position Id (KT 064)
axlePositionName	String	Axle position name
wheelbase	Integer	Wheelbase

Request Parameter:

Name	Type/Required	States	Description
axleDetails2	Boolean	X If true, get axle details 2	Axle Details 2
axleIds	LongList	X Result of axle selection	Axle ID (max 25)
bodyTypes	Boolean	X If true, get body types	Body Types
country	String	X Country code according to ISO 3166	Country
lang	String	X Language code according to ISO 639	Language
provider	Integer	X Provider ID given by TecDoc	Provider ID
wheelbases	Boolean	X If true, get wheelbases	Wheelbases

5.13   Get axle details by a list of string id's (NEW)

Find axle details by a list of string id's. It is only needed for compatibility to environments missing the "long" data type (like php). If possible do not call this function, instead call the original function (with an array of long).

Function:

getAxleByIds2StringList()

Result:

Field	Type	Description
axleId	Long	Axle ID
isBodyTypes	Boolean	Flag:has body types
isDetails2	Boolean	Flag:has extended details
isWheelbases	AxleWheelbasesRecordSeq	Wheel bases
AxleDetails	AxleByIdRecord	Axle details
AxleDetails2	AxleDetailsByIdRecordSeq	Axle details2
BodyType	AxleKeyNumbersRecordSeq	Body type
WheelBases	AxleWheelbasesRecordSeq	Wheel bases

SubResult: AxleByIdRecord

Field	Type	Description
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	From axle load/kg
axleLoadUpto	Integer	To axle load/kg
axleTypeId	Long	Axle type ID
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
manuShortName	String	Manufacturer short name
modelId	Long	Axle model ID
modelName	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: *AxleDetailsByIdRecordSeq*

Field	Type	Description
axleBodyType	String	Axle body type (KT 214)
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	Axle load from / kg
axleLoadTo	Integer	Axle load to / kg
axleManufacturer	String	Axle manufacturer
axleModel	String	Axle model
axleStyle	String	Axle style (KT 095)
axleType	String	Axle type (KT 068)
brakeType	String	Brake type (KT 083)
driveHeightFrom	Integer	Drive height from
driveHeightTo	Integer	Drive height to
hubSystem	String	Hub system
trackGauge	Integer	Track gauge
wheelMount	String	Wheel mount (KT 213)
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: *AxleKeyNumbersRecordSeq*

Field	Type	Description
bodyTypeName	String	Body Type name
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

SubResult: *AxleWheelbasesRecordSeq*

Field	Type	Description
axlePositionId	Long	Axle position Id (KT 064)
axlePositionName	String	Axle position name
wheelbase	Integer	Wheelbase

Request Parameter:

Name	Type/Required	States	Description
axleDetails2	Boolean X	If true, get axle details 2	Axle Details 2
axleIds	StringList X	Result of axle selection	Axle ID's (max 25)
bodyTypes	Boolean X	If true, get body types	Body Types
country	String X	Country code according to ISO 3166	Country
lang	String X	Language code according to ISO 639	Language
provider	Integer X	Provider ID given by TecDoc	Provider ID
wheelbases	Boolean X	If true, get wheelbases	Wheelbases

6 Get motors and motor information

Find motors.

6.1 Get motor manufacturers

Find motor manufacturers.

Function:

getMotorManufacturers2()

Result:

Field	Type	Description
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

Request Parameter:

Name	Type	Required	States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

6.2   Get motors (DEPRECATED)

Find motors.

Function:

getMotorIdsByManuIdCriteria()

Result:

Field	Type	Description
motorId	Long	Motor ID

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
country	String	X	Country code according to ISO 3166	Country
cylinderCapacityFrom	Integer		Capacity / ccm	From capacity
cylinderCapacityTo	Integer		Capacity / ccm	To capacity
fuelTypeId	Long		Result of fuel type selection	Fuel type ID
lang	String	X	Language code according to ISO 639	Language
manuId	Long	X	Result of motor manufacturer selection	Manufacturer ID
motorCode	String		Motor code	Motor code
powerFrom	Integer		Power / HP or Power / HP or null	From Power
powerHpType	Boolean		true: HP false: KW	Power type
powerTo	Integer		Power / HP or Power / KW or null	To Power
provider	Integer	X	Provider ID given by TecDoc	Provider ID
sellsTerm	String		Sales description	Sales description
yearOfConstruction	Integer		Construction year [YYYY]	Construction year

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 67 of 155

6.3   Get motors (NEW)
Find motors.

Function:
getMotorIdsByManuIdCriteria2()

Result:
Field	Type	Description
motorId	Long	Motor ID

Request Parameter:
Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
country	String	X	Country code according to ISO 3166	Country
cylinderCapacityFrom	Integer		Capacity / ccm	From capacity
cylinderCapacityTo	Integer		Capacity / ccm	To capacity
fuelTypeId	Long		Result of fuel type selection	Fuel type ID
lang	String	X	Language code according to ISO 639	Language
manuId	Long		Result of motor manufacturer selection	Manufacturer ID
motorCode	String		Motor code	Motor code
powerFrom	Integer		Power / HP or Power / HP or null	From Power
powerHpType	Boolean		true: HP false: KW	Power type
powerTo	Integer		Power / HP or Power / KW or null	To Power
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchExactCode	Boolean		true: exact search false: no exact search	Flag: Exact search
searchExactTerm	Boolean		true: exact search false: no exact search	Flag: Exact search
sellsTerm	String		Sales description	Sales description
yearOfConstruction	Integer		Construction year [YYYY]	Construction year

6.4 Get motors by motorcode (DEPRECATED)

Find motors by motor code.

Function:

getMotorsByCarTypeManuIdTerm()

Result:

Field	Type	Description
cylinder	Integer	Number of cylinder
cylinderCapacity	Integer	Capacity / ccm
manuId	Long	Motor manufacturer ID
manuText	String	Manufacturer name
motorCode	String	Motor code
motorId	Long	Motor ID
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
sellsTerm	String	Sales description

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language according to ISO 639	Language
manuId	Long	X	Result of vehicle manufacturer selection	Manufacturer ID
motorCode	String		Motor code	Motor code
provider	Integer	X	Provider ID given by TecDoc	Provider ID

6.5   Get motors by motorcode (NEW)

Find motors by motor code.

Function:

getMotorsByCarTypeManuIdTerm2()

Result:

Field	Type	Description
cylinder	Integer	Number of cylinder
cylinderCapacity	Integer	Capacity / ccm
manuId	Long	Motor manufacturer ID
manuText	String	Manufacturer name
motorCode	String	Motor code
motorId	Long	Motor ID
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
sellsTerm	String	Sales description

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
lang	String	X	Language according to ISO 639	Language
manuId	Long		Result of vehicle manufacturer selection or null (one of manufacturer id or motor code must be filled)	Manufacturer ID
motorCode	String		Motor code or null (one of manufacturer id or motor code must be filled)	Motor code like 'AEL'
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchExact	Boolean		true: exact search false: no exact search	Flag: Exact search

6.6   Get motor by motor number (NEW)

Find motor by TecDoc motor number.

Function:

getEngineIdsByTecDocEngineNo()

Result:

Field	Type	Description
motorId	Long	Motor ID

Request Parameter:

Name	Type/Required	States		Description
country	String	X	Country code according to ISO 3166	Country
motorNumber	Integer	X	Motor number	Motor number
provider	Integer	X	Provider ID given by TecDoc	Provider ID

6.7 Get motor details by a list (DEPRECATED)

Find motor details by a list of long id's.

Function:

getMotorByIds()

Result:

Field	Type	Description
motorId	Long	Motor ID
MotorDetails	MotorByIdRecord	Motor basic details

SubResult: MotorByIdRecord

Field	Type	Description
cylinder	Integer	Number of cylinder
cylinderCapacity	Integer	Capacity / ccm
manuId	Long	Motor manufacturer ID
manuText	String	Manufacturer name
motorCode	String	Motor code
motorId	Long	Motor ID
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
sellsTerm	String	Sales description

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language according to ISO 639	Language
motorIds	LongList	X	Result of motor selection	Motor ID's (max 25)
provider	Integer	X	Provider ID given by TecDoc	Provider ID

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 72 of 155

6.8   Get motor details by a list of string id's (DEPRECATED)

Find motor details by a list of string id's. It is only needed for compatibility to environments missing the "long" data type (like php). If possible do not call this function, instead call the original function (with an array of long).

Function:

getMotorByIdsStringList()

Result:

Field	Type	Description
motorId	Long	Motor ID
MotorDetails	MotorByIdRecord	Motor basic details

SubResult: MotorByIdRecord

Field	Type	Description
cylinder	Integer	Number of cylinder
cylinderCapacity	Integer	Capacity / ccm
manuId	Long	Motor manufacturer ID
manuText	String	Manufacturer name
motorCode	String	Motor code
motorId	Long	Motor ID
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
sellsTerm	String	Sales description

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language according to ISO 639	Language
motorIds	StringList	X	Result of motor selection	Motor ID's (max 25)
provider	Integer	X	Provider ID given by TecDoc	Provider ID

6.9 Get motor details by a list (NEW)

Find motor details by a list of long id's.

Function:

getMotorByIds2()

Result:

Field	Type	Description
motorId	Long	Motor ID
MotorDetails	MotorByIdRecord	Motor basic details
MotorDetails2	MotorDetailsRecord	Motor extended details

SubResult: MotorByIdRecord

Field	Type	Description
cylinder	Integer	Number of cylinder
cylinderCapacity	Integer	Capacity / ccm
manuId	Long	Motor manufacturer ID
manuText	String	Manufacturer name
motorCode	String	Motor code
motorId	Long	Motor ID
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
sellsTerm	String	Sales description

SubResult: MotorDetailsRecord

Field	Type	Description
cylinder	Integer	Cylinder
cylinderCapacity	Integer	Cylinder capacity / ccm
fuelType	String	Fuel type
motorCode	String	Motor code
motorNumber	Integer	Motor number
motorType	String	Motor type
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required	States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language according to ISO 639	Language
motorDetails2	Boolean	X	If true, get motor details 2	Motor details 2
motorIds	LongList	X	Result of motor selection	Motor ID's (max 25)
provider	Integer	X	Provider ID given by TecDoc	Provider ID

6.10   Get motor details by a list of string id's (NEW)

Find motor details by a list of string id's. It is only needed for compatibility to environments missing the "long" data type (like php). If possible do not call this function, instead call the original function (with an array of long).

Function:

getMotorByIds2StringList()

Result:

Field	Type	Description
motorId	Long	Motor ID
MotorDetails	MotorByIdRecord	Motor basic details
MotorDetails2	MotorDetailsRecord	Motor extended details

SubResult: MotorByIdRecord

Field	Type	Description
cylinder	Integer	Number of cylinder
cylinderCapacity	Integer	Capacity / ccm
manuId	Long	Motor manufacturer ID
manuText	String	Manufacturer name
motorCode	String	Motor code
motorId	Long	Motor ID
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
sellsTerm	String	Sales description

SubResult: MotorDetailsRecord

Field	Type	Description
cylinder	Integer	Cylinder
cylinderCapacity	Integer	Cylinder capacity / ccm
fuelType	String	Fuel type
motorCode	String	Motor code
motorNumber	Integer	Motor number
motorType	String	Motor type
powerHP	Integer	Power / HP
powerKW	Integer	Power / KW
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language according to ISO 639	Language
motorDetails2	Boolean	X	If true, get motor details 2	Motor details 2
motorIds	StringList	X	Result of motor selection	Motor ID's (max 25)
provider	Integer	X	Provider ID given by TecDoc	Provider ID

7   Get body types

Find body types.

7.1   Get body types by body type name (DEPRECATED)

Find body types by their body type name.

Function:

getVendorIds()

Result:

Field	Type	Description
linkedArticles	Integer	Count of article assignments
linkedCars	Integer	Count of car assignments
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
markId	Long	Mark ID
vendorName	String	Vendor name

Request Parameter:

Name	Type/Required		States	Description
carType	Integer	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Both	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
countryUserSetting	String	X	Country code according to ISO 3166	Country for article assignments
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchExact	Boolean	X	true: exact search false: no exact search	Flag: exact search
searchPattern	String	X	Search pattern	Search pattern for body type like '4B'

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 77 of 155

7.2   Get body types by body type name (NEW)

Find body types by their body type name.

Function:

getVendorIds2()

Result:

Field	Type	Description
linkedArticles	Integer	Count of article assignments direct to the body type
linkedCars	Integer	Count of car assignments
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
markId	Long	Body type ID
vendorName	String	Body type name

Request Parameter:

Name	Type/Required		States	Description
carType	String	X	Vehicle type: 1: Passenger car 2: Commercial vehicle 3: Light commercial vehicle	Vehicle type
countriesCarSelection	String	X	Country code according to ISO 3166 or TecDoc country group code	Country for Vehicle selection
countryGroupFlag	Boolean	X	true, if country group selection else false	Flag: country group selection
countryUserSetting	String	X	Country code according to ISO 3166	Country for article assignments
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchExact	Boolean	X	true: exact search false: no exact search	Flag: exact search
searchPattern	String	X	Search pattern	Search pattern for body type like '4B'

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 78 of 155

7.3   Get body type by ID

Find a body type by its ID.

Function:

getMarkById()

Result:

Field	Type	Description
linkedCars	Integer	Count of linked cars
manuName	String	Name of vehicle manufacturer
markId	Long	Body type ID
markName	String	Body type name

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language according to ISO 639	Language
linked	Boolean	X	false: all, true: only linked articles	Flag: selection with / without article assignments
markId	Long	X	Body type ID	Body type ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

8   Get assembly groups and their shortcuts
Find assembly groups.

8.1   Get shortcuts for assembly groups
Find shortcuts for assembly groups.

Function:
getShortCuts2()

Result:

Field	Type	Description
shortCutId	Long	Shortcut ID
shortCutName	String	Shortcut name

Request Parameter:

Name	Type/Required		States	Description
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axles K: Body Type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

8.2   Get linked shortcuts for assembly groups

Find shortcuts for assembly groups, if any articles are linked to it.

Function:

getLinkedShortCuts()

Result:

Field	Type	Description
shortCutId	Long	Shortcut ID
shortCutName	String	Shortcut name

Request Parameter:

Name	Type/Required	States	Description
country	String X	Country code according to ISO 3166	Country for article assignments
lang	String X	Language code according to ISO 639	Language
linkingTargetId	Long	Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body Type ID U: null	Linking target ID
linkingTargetType	String X	Linking target type: C: Vehicle M: Motor A: Axles K: Body Type U: Universal	Linking target type
provider	Integer X	Provider ID given by TecDoc	Provider ID

8.3   Get assembly groups
Find vehicle, axle, motor or universal assembly groups for the search tree.

Function:
getChildNodesAllLinkingTarget2()

Result:

Field	Type	Description
assemblyGroupName	String	Assembly group name
assemblyGroupNodeId	Long	Assembly group node ID
hasChilds	Boolean	True if result has child nodes else false
parentNodeId	Long	Parent node ID, null = root node

Request Parameter:

Name	Type/Required	States	Description
childNodes	Boolean X	True if child nodes of assembly group should be selected too else false	Flag: child nodes selection
lang	String X	Language code according to ISO 639	Language
linkingTargetType	String X	Linking target type: C: Vehicle M: Motor A: Axle K: Body Type U: Universal	Linking target type
parentNodeId	Long	Parent node ID or null in case of root node	Parent node ID
provider	Integer X	Provider ID given by TecDoc	Provider ID

8.4   Get linked assembly groups

Find vehicle, axle, motor or universal assembly groups for the search tree, if any articles are linked to it.

Function:

getLinkedChildNodesAllLinkingTarget()

Result:

Field	Type	Description
assemblyGroupName	String	Assembly group name
assemblyGroupNodeId	Long	Assembly group node ID
hasChilds	Boolean	True if result has child nodes else false
parentNodeId	Long	Parent node ID, null = root node

Request Parameter:

Name	Type/Required		States	Description
childNodes	Boolean	X	True if child nodes of assembly group should be selected too else false	Flag: child nodes selection
country	String	X	Country code according to ISO 3166	Country for article assignments
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body Type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body Type U: Universal	Linking target type
parentNodeId	Long		Parent node ID or null in case of root node	Parent node ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

8.5   Get assembly groups by shortcut

Find vehicle, motor, axle or universal assembly groups by a shortcut for the search tree.

Function:

getChildNodesAllLinkingTargetShortCut2()

Result:

Field	Type	Description
assemblyGroupName	String	Assembly group name
assemblyGroupNodeId	Long	Assembly group node ID
hasChilds	Boolean	true, has child nodes else false
parentNodeId	Long	Parent node ID, null = root node

Request Parameter:

Name	Type/Required		States	Description
childNodes	Boolean	X	true, if child nodes of assembly group should be selected too else false	Flag: child nodes selection
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body Type U: Universal	Linking target type
parentNodeId	Long		Parent node ID or null, if root node	Parent node ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID
shortCutId	Long	X	Result of shortcut selection	Shortcut ID

8.6   Get linked assembly groups by shortcut

Find vehicle, motor, axle or universal assembly groups by a shortcut for the search tree, if any articles are linked to it.

Function:

getLinkedChildNodesAllLinkingTargetShortCut()

Result:

Field	Type	Description
assemblyGroupName	String	Assembly group name
assemblyGroupNodeId	Long	Assembly group node ID
hasChilds	Boolean	true, has child nodes else false
parentNodeId	Long	Parent node ID, null = root node

Request Parameter:

Name	Type/Required		States	Description
childNodes	Boolean	X	true, if child nodes of assembly group should be selected too else false	Flag: child nodes selection
country	String	X	Country code according to ISO 3166	Country for article assignments
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body Type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body Type U: Universal	Linking target type
parentNodeId	Long		Parent node ID or null, if root node	Parent node ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID
shortCutId	Long	X	Result of shortcut selection	Shortcut ID

8.7   Get assembly groups by search pattern (NEW)

Find vehicle, axle, motor or universal assembly groups for the search tree by
search pattern.

Function:

getChildNodesPattern()

Result:

Field	Type	Description
assemblyGroupName	String	Assembly group name
assemblyGroupNodeId	Long	Assembly group node ID
parentNodeId	Long	Parent node ID, null = root node

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body Type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body Type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchPattern	String	X	Childnode search pattern	Search pattern

9   Get generic articles and brands

Find generic articles.

9.1   Get distinct generic articles and brands by list (DEPRECATED)

Find generic articles by an assembly group with distinct result.

Function:

getGenericArticlesByManufacturer4()

Result:

Field	Type	Description
articleNormName	String	Article standard name
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long	X	Result of assembly group selection	Assembly group node ID
brandNo	LongList		In case of limitation to brand numbers else null	List of Brand numbers
country	String	X	Country code according to ISO 3166	Country
genericArticleId	LongList		In case of limitation to generic article numbers else null	List of Generic article numbers
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal Other tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
resultMode	Integer		1: Distinct brand numbers 2: Distinct generic articles 3: Both (standard) Null: Standard choose (=Both)	Result mode
sortMode	Integer	X	Sort mode: 1: Brand name 2: Article norm name Others tbd	Sort mode

---

9.2　Get distinct generic articles and brands by string list (DEPRECATED)

Find generic articles by an assembly group with distinct result.

Function:

getGenericArticlesByManufacturer4StringList()

Result:

Field	Type	Description
articleNormName	String	Article standard name
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long	X	Result of assembly group selection	Assembly group node ID
brandNo	StringList		In case of limitation to brand numbers else null	List of Brand numbers
country	String	X	Country code according to ISO 3166	Country
genericArticleId	StringList		In case of limitation to generic article numbers else null	List of Generic article numbers
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal Other tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
resultMode	Integer		1: Distinct brand numbers 2: Distinct generic articles 3: Both (standard) Null: Standard choose (=Both)	Result mode
sortMode	Integer	X	Sort mode: 1: Brand name 2: Article norm name Others tbd	Sort mode

9.3   Get generic articles and brands by an assembly group (NEW)

Find generic articles by an assembly group.

Function:

getGenericArticlesByManufacturer5()

Result:

Field	Type	Description
articleNormName	String	Article standard name
brandName	String	Brand name
brandNo	Long	Brand number
category	String	Category
genericArticleId	Long	Generic article ID
sortNo	Integer	Sort number

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long		Result of assembly group selection	Assembly group node ID
brandNo	LongList		In case of limitation to brand numbers else null	List of Brand numbers
country	String	X	Country code according to ISO 3166	Country
genericArticleId	LongList		In case of limitation to generic article numbers else null	List of Generic article numbers
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal Other tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
resultMode	Integer		1: Distinct brand numbers 2: Distinct generic articles 3: Both (standard) Null: Standard choose (=Both)	Result mode
sortMode	Integer	X	Sort mode: 1: Brand name 2: Article norm name Others tbd	Sort mode

9.4   Get generic articles and brands by an assembly group (NEW)

Find generic articles by an assembly group.

Function:

getGenericArticlesByManufacturer6()

Result:

Field	Type	Description
articleNormName	String	Article standard name
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long		Result of assembly group selection	Assembly group node ID
brandNo	LongList		In case of limitation to brand numbers else null	List of Brand numbers
country	String	X	Country code according to ISO 3166	Country
genericArticleId	LongList		In case of limitation to generic article numbers else null	List of Generic article numbers
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal Other tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
resultMode	Integer		1: Distinct brand numbers 2: Distinct generic articles 3: Both (standard) Null: Standard choose (=Both)	Result mode
sortMode	Integer	X	Sort mode: 1: Brand name 2: Article norm name Others tbd	Sort mode

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

9.5 Get generic articles and brands by string list (NEW)

Find generic articles by an assembly group.

Function:

getGenericArticlesByManufacturer6StringList()

Result:

Field	Type	Description
articleNormName	String	Article standard name
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long		Result of assembly group selection	Assembly group node ID
brandNo	StringList		In case of limitation to brand numbers else null	List of Brand numbers
country	String	X	Country code according to ISO 3166	Country
genericArticleId	StringList		In case of limitation to generic article numbers else null	List of Generic article numbers
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal Other tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
resultMode	Integer		1: Distinct brand numbers 2: Distinct generic articles 3: Both (standard) Null: Standard choose (=Both)	Result mode
sortMode	Integer	X	Sort mode: 1: Brand name 2: Article norm name Others tbd	Sort mode

10 Get articles (search tree)

Find articles with the search tree.

10.1 Get articles by brand number and generic article list (DEPRECATED)

Find articles by brand number and generic article and assembly group.

Function:

getArticleIds2()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Article link ID
articleNo	String	Article number
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article name
sortNo	Integer	Sort number

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long	X	Result of assembly group selection	Assembly group node ID
brandNo	LongList		In case of limitation to Brand number else null	Brand number
country	String	X	Country code according to ISO 3166	Country
genericArticleId	LongList		In case of limitation to generic article number else null	Generic article number
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	C: Vehicle M: Motor A: Axle K: Body type U: Universal Others tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
sort	Integer	X	1: Sort by brandNo 2: sort by genericArticleName	Sorting field

10.2 Get articles by brand number and generic article string list (DEPRECATED)

Find articles by brand number and generic article and assembly group.

Function:

getArticleIds2StringList()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Article link ID
articleNo	String	Article number
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article name
sortNo	Integer	Sort number

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long	X	Result of assembly group selection	Assembly group node ID
brandNo	StringList		In case of limitation to Brand number else null	Brand number
country	String	X	Country code according to ISO 3166	Country
genericArticleId	StringList		In case of limitation to generic article number else null	Generic article number
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	C: Vehicle M: Motor A: Axle K: Body type U: Universal Others tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
sort	Integer	X	1: Sort by brandNo 2: sort by genericArticleName	Sorting field

10.3　　Get articles by brand number and generic article list (NEW)

Find articles by brand number and generic article and assembly group.

Function:

getArticleIds3()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Article link ID
articleNo	String	Article number
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article name
sortNo	Integer	Sort number

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long		Result of assembly group selection	Assembly group node ID
brandNo	LongList		In case of limitation to Brand number else null	Brand number
country	String	X	Country code according to ISO 3166	Country
genericArticleId	LongList		In case of limitation to generic article number else null	Generic article number
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	C: Vehicle M: Motor A: Axle K: Body type U: Universal Others tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
sort	Integer	X	1: Sort by brandNo 2: sort by genericArticleName	Sorting field

10.4 Get articles by brand number and generic article string list (NEW)

Find articles by brand number and generic article and assembly group.

Function:
getArticleIds3StringList()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Article link ID
articleNo	String	Article number
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article name
sortNo	Integer	Sort number

Request Parameter:

Name	Type/Required		States	Description
assemblyGroupNodeId	Long		Result of assembly group selection	Assembly group node ID
brandNo	StringList		In case of limitation to Brand number else null	Brand number
country	String	X	Country code according to ISO 3166	Country
genericArticleId	StringList		In case of limitation to generic article number else null	Generic article number
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	C: Vehicle M: Motor A: Axle K: Body type U: Universal Others tbd	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
sort	Integer	X	1: Sort by brandNo 2: sort by genericArticleName	Sorting field

10.5 Get all article detail information by article list

Find all article detail information, which is assigned to an assembly group (with body type info).

Function:

getAssignedArticlesByIds2()

Result:

Field	Type	Description
ArticleAttributes	AssignedArticleAttribut-sRecordSeq	Article attributes
ArticleDocuments	ArticleDocumentsRecordSeq	Dokumentdescription
ArticleInfo	AssignedArticleInfosRec-ordSeq	Article information
ArticlePrices	ArticlePricesRecordSeq	Article catalog prices
AssignedArticle	AssignedArticleById2Rec-ord	Article basic information
DocumentData	ArticleDocumentsByDocId-RecordSeq	Document data
EanNumber	EanNumbersRecordSeq	EAN number
ImmediateAttributs	ImmediateAttributsRecor-dSeq	Article main attributes
ImmediateInfo	ImmediateInfosRecordSeq	Article main info
MainArticle	MainArticlesRecordSeq	Main articles of part articles
NormalAustauschPrice	ArticlePricesNormalAust-auschRecordSeq	Retail/Reconditional price
OenNumbers	ArticleOENumbersRecordSeq	OE numbers
ReplacedByNumber	ReplacedByNumbersRecord-Seq	Replaced by numbers
ReplacedNumber	ReplacedNumbersRecordSeq	Replacement numbers
UsageNumbers	UsageNumbersRecordSeq	Trade numbers

SubResult: ArticleDocumentsByDocIdRecordSeq

Field	Type	Description
docData	Byte[]	The binary representation of the document. Deprecated field: Use seperate binary download feature as described in 1.7.
docFileType	String	File type (MIME-Types: e.g. application/pdf, image/gif, image/jpeg)
docId	String	Document ID

SubResult: *ArticleDocumentsRecordSeq*

Field	Type	Description
docFileName	String	File name
docFileTypeName	String	File type name (e.g. Bitmap)
docId	String	Document ID
docLinkId	Long	Document link ID
docText	String	Document description
docTypeId	Long	Document type Id
docTypeName	String	Document type name (KT 141)

SubResult: *ArticleOENumbersRecordSeq*

Field	Type	Description
blockNumber	Integer	Block number
brandName	String	Manufacturer name
oeNumber	String	OE number
sortNumber	Integer	Sort number

SubResult: *ArticlePricesNormalAustauschRecordSeq*

Field	Type	Description
currency	String	Currency
hasLessDiscount	Boolean	true, if less discount available else false
price	Integer	Price with 2 decimal spaces
priceTypeId	Long	Price type (KT 074)
priceTypeName	String	Price type name (KT 074)
priceUnitId	Long	Price unit ID (KT 070)
priceUnitName	String	Price unit name (KT 070)
quantityUnitId	String	Quantity unit ID (KT 071, e.g. Piece)
quantityUnitName	String	Quantity unit name (KT 071, e.g. Piece)
validDateFrom	Integer	From date valid [YYYYMMDD]
validDateTo	Integer	To date valid [YYYYMMDD]

SubResult: *ArticlePricesRecordSeq*

Field	Type	Description
currency	String	Currency
discount	String	Discount
hasLessDiscount	Boolean	true if less discount is available else false
price	Integer	Price
priceTypeId	Long	Price type (KT 074)
priceTypeName	String	Price type name (KT 074)
priceUnitId	Long	Price unit ID (KT 070)
priceUnitName	String	Price unit name (KT 070)
quantityUnitId	String	Quantity unit ID (KT 071, e.g. Piece)
quantityUnitName	String	Quantity unit name (KT 071, e.g. Piece)
validDateFrom	Integer	From date valid [YYYYMMDD]
validDateTo	Integer	To date valid [YYYYMMDD]

SubResult: AssignedArticleAttributsRecordSeq

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type:
		A: Alphanumeric
		D: Date
		K: Key
		N: Numeric
		V: Without value
		Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
attrValueId	Long	Attribute value ID

SubResult: AssignedArticleById2Record

Field	Type	Description
articleAddName	String	Article additional name
articleId	Long	Article ID
articleLinkId	Long	Article link Id
articleNo	String	Article number
articleState	Long	Article state (KT 73)
articleStateName	String	Article state name (KT 73)
hasAppendage	Boolean	true if appendages are available else false
hasAxleLink	Boolean	true if axle links are available else false
hasCsGraphics	Boolean	true if context sensitive graphics are available else false
hasDocuments	Boolean	true if documents are available else false
hasLessDiscount	Boolean	true if less discount is available else false
hasMarkLink	Boolean	true if body type links are available else false
hasMotorLink	Boolean	true if motor links are available else false
hasOEN	Boolean	true if OE numbers are available else false
hasPartList	Boolean	true if part list is available else false
hasPrices	Boolean	true if prices are available else false
hasSecurityInfo	Boolean	true if security information is available else false
hasUsage	Boolean	true if trade numbers are available else false
hasVehicleLink	Boolean	true if vehicle links are available else false
packingUnit	Integer	Packing Unit
quantityPerPackingU-nit	Integer	Quantiy per packing Unit

SubResult: AssignedArticleInfosRecordSeq

Field	Type	Description
infoId	Long	Information ID
infoText	String	Information text
infoType	Long	Information type (KT 072)
infoTypeName	String	Information type name (KT 072)

SubResult: EanNumbersRecordSeq

Field	Type	Description
eanNumber	String	EAN number

SubResult: ImmediateAttributsRecordSeq

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A :Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
attrValueId	Long	Attribute value ID

SubResult: ImmediateInfosRecordSeq

Field	Type	Description
infoId	Long	Information ID
infoText	String	Information text
infoTypeId	Long	Information type (KT 072)
infoTypeName	String	Information type name (KT 072)

SubResult: MainArticlesRecordSeq

Field	Type	Description
articleAddName	String	Article add name
articleId	Long	Article ID
articleName	String	Article name
articleNumber	String	Article number

SubResult: ReplacedByNumbersRecordSeq

Field	Type	Description
replaceArticleId	Long	Replacement article ID
replaceNumber	String	Replacement article number

SubResult: ReplacedNumbersRecordSeq

Field	Type	Description
replaceArticleId	Long	Replacement article ID
replaceNumber	String	Replacement article number

SubResult: UsageNumbersRecordSeq

Field	Type	Description
usageNumber	String	Trade number

Request Parameter:

Name	Type/Required		States	Description
articleIdPairs	ArticleId- PairSeq		Result of article selection (articleId and articleLinkId)	List of article ID pairs with max. 25 entries
attributs	Boolean	X	if true, get article attributes else false	Article attributs
country	String	X	Country code according to ISO 3166	Country
documents	Boolean	X	If true, get documents else false	Document description
documentsData	Boolean	X	If true, get documents data else false	Documentdata
eanNumbers	Boolean	X	If true, get EAN number else false	EAN number
immediateAttributs	Boolean	X	If true, get immediate attributes else false	Article main attributes
immediateInfo	Boolean	X	If true, get immediate info else false	Article main info
info	Boolean	X	If true, get article informa-tion else false	Article information
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to linking target type: C: Vehicle ID M: Motor ID A: Axle ID U: null	Linking target ID
linkingTargetType	String		Linking target type: C: Vehicle M: Motor A: Axle U: Universal	Linking target type
mainArticles	Boolean	X	If true, get main articles else false	Main articles of part articles
manuId	Long		Result of vehicle manufacturer selection if linking target type is: Vehicle, Motor or Axle else null	Manufacturer ID
modId	Long		Result of vehicle model selection if linking targte type is: Vehicle, Motor or Axle else null	Model ID
normalAustauschPrice	Boolean	X	If true, get normal price else false	Normal price
oeNumbers	Boolean	X	If true, get OE numbers else false	OE numbers
priceDate	Integer		Price date [YYYYMMDD] Null = current date	Price date
prices	Boolean	X	If true, get article	Article catalog

			catalog prices else false	prices
provider	Integer	X	Provider ID given by TecDoc	Provider ID
replacedByNumbers	Boolean	X	If true, get replaced by numbers else false	Replaced by numbers
replacedNumbers	Boolean	X	If true, get replacement number else false	Replacement number
usageNumbers	Boolean	X	If true, get trade number else false	Trade numbers

11 Get articles (direct search)

Find article by all number types.

11.1 Get articles by brandno and generic articleid

Find article by all number types and brandno and generic articleId.

Function:

getArticleDirectSearchAllNumbers2()

Result:

Field	Type	Description
articleId	Long	Article ID
articleName	String	Article name
articleNo	String	Article number
articleSearchNo	String	Article search number
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic Article number
numberType	Integer	TecDoc number type:
		0: Article number
		1: OE number
		2: Trade number
		3: Comparable number
		4: Replacement number
		5: Replaced number
		6: EAN number

Request Parameter:

Name	Type/Required		States	Description
articleNumber	String	X	Article number (will be converted within the search process to a simplified article number)	Article number
brandno	Long		Result of brand selection	Brand number
country	String	X	Country code according to ISO 3166	Country
genericArticleId	Long		Result of generic article selection	Generic article ID
lang	String	X	Language code according to ISO 639	Language
numberType	Integer	X	0: Article number 1: OE number 2: Trade number 3: Comparable number 4: Replacement number 5: Replaced number 6: EAN number 10: Any number	Number type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
searchExact	Boolean	X	true: exact search false: similar search	Search mode
sortType	Integer	X	1: Brand 2: Product group Others tbd	Sort mode

Comment:
If the count of found articles exceeds 2000, the function returns the error code 413 instead of the article list.

11.2   Get all article detail information by article list

Find all detail information of a list of articles (with body type info).

Function:

getDirectArticlesByIds2()

Result:

Field	Type	Description
ArticleAttributes	AssignedArticleAttribut- sRecordSeq	Article attributes
ArticleDocuments	ArticleDocumentsRecordSeq	Dokumentdescription
ArticleInfo	AssignedArticleInfosRec- ordSeq	Article information
ArticlePrices	ArticlePricesRecordSeq	Article catalog prices
DirectArticle	ArticleDirectSearchById- 2Record	Article basic information
DocumentData	ArticleDocumentsByDocId- RecordSeq	Document data
EanNumber	EanNumbersRecordSeq	EAN number
ImmediateAttributs	ImmediateAttributsRecor- dSeq	Article main attributes
ImmediateInfo	ImmediateInfosRecordSeq	Article main info
MainArticle	MainArticlesRecordSeq	Main articles of part articles
NormalAustauschPrice	ArticlePricesNormalAust- auschRecordSeq	Retail/Reconditional price
OenNumbers	ArticleOENumbersRecordSeq	OE numbers
ReplacedByNumber	ReplacedByNumbersRecord- Seq	Replaced by numbers
ReplacedNumber	ReplacedNumbersRecordSeq	Replacement numbers
UsageNumbers	UsageNumbersRecordSeq	Trade numbers

SubResult: ArticleDirectSearchById2Record

Field	Type	Description
articleAddName	String	Article add name
articleId	Long	Article ID
articleName	String	Article name
articleNo	String	Article number
articleState	Long	Article state (KT 073)
articleStateName	String	Article state name (KT 073)
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
hasAppendage	Boolean	true if appendages are available else false
hasAxleLink	Boolean	true if axle links are available else false
hasCsGraphics	Boolean	true if context sensitive graphics are available else false
hasDocuments	Boolean	true if documents are available else false
hasLessDiscount	Boolean	true if less discount is available else false
hasMarkLink	Boolean	true if body type links are available else false
hasMotorLink	Boolean	true if motor links are available else false
hasOEN	Boolean	true if OE numbers are available else false
hasPartList	Boolean	true if a part list is available else false
hasPrices	Boolean	true if prices are available else false
hasSecurityInfo	Boolean	true if security info is available else false
hasUsage	Boolean	true if trade numbers are available else false
hasVehicleLink	Boolean	true if vehicle links are available else false
packingUnit	Integer	Packing Unit
quantityPerPackingU-nit	Integer	Quantity per packing unit

SubResult: ArticleDocumentsByDocIdRecordSeq

Field	Type	Description
docData	Byte[]	The binary representation of the document. Deprecated field: Use seperate binary download feature as described in 1.7.
docFileType	String	File type (MIME-Types: e.g. application/pdf, image/gif, image/jpeg)
docId	String	Document ID

SubResult: ArticleDocumentsRecordSeq

Field	Type	Description
docFileName	String	File name
docFileTypeName	String	File type name (e.g. Bitmap)
docId	String	Document ID
docLinkId	Long	Document link ID
docText	String	Document description
docTypeId	Long	Document type Id
docTypeName	String	Document type name (KT 141)

SubResult: ArticleOENumbersRecordSeq

Field	Type	Description
blockNumber	Integer	Block number
brandName	String	Manufacturer name
oeNumber	String	OE number
sortNumber	Integer	Sort number

SubResult: ArticlePricesNormalAustauschRecordSeq

Field	Type	Description
currency	String	Currency
hasLessDiscount	Boolean	true, if less discount available else false
price	Integer	Price with 2 decimal spaces
priceTypeId	Long	Price type (KT 074)
priceTypeName	String	Price type name (KT 074)
priceUnitId	Long	Price unit ID (KT 070)
priceUnitName	String	Price unit name (KT 070)
quantityUnitId	String	Quantity unit ID (KT 071, e.g. Piece)
quantityUnitName	String	Quantity unit name (KT 071, e.g. Piece)
validDateFrom	Integer	From date valid [YYYYMMDD]
validDateTo	Integer	To date valid [YYYYMMDD]

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 113 of 155

SubResult: *ArticlePricesRecordSeq*

Field	Type	Description
currency	String	Currency
discount	String	Discount
hasLessDiscount	Boolean	true if less discount is available else false
price	Integer	Price
priceTypeId	Long	Price type (KT 074)
priceTypeName	String	Price type name (KT 074)
priceUnitId	Long	Price unit ID (KT 070)
priceUnitName	String	Price unit name (KT 070)
quantityUnitId	String	Quantity unit ID (KT 071, e.g. Piece)
quantityUnitName	String	Quantity unit name (KT 071, e.g. Piece)
validDateFrom	Integer	From date valid [YYYYMMDD]
validDateTo	Integer	To date valid [YYYYMMDD]

SubResult: *AssignedArticleAttributsRecordSeq*

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A: Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
attrValueId	Long	Attribute value ID

SubResult: *AssignedArticleInfosRecordSeq*

Field	Type	Description
infoId	Long	Information ID
infoText	String	Information text
infoType	Long	Information type (KT 072)
infoTypeName	String	Information type name (KT 072)

SubResult: *EanNumbersRecordSeq*

Field	Type	Description
eanNumber	String	EAN number

SubResult: ImmediateAttributsRecordSeq

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A :Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
attrValueId	Long	Attribute value ID

SubResult: ImmediateInfosRecordSeq

Field	Type	Description
infoId	Long	Information ID
infoText	String	Information text
infoTypeId	Long	Information type (KT 072)
infoTypeName	String	Information type name (KT 072)

SubResult: MainArticlesRecordSeq

Field	Type	Description
articleAddName	String	Article add name
articleId	Long	Article ID
articleName	String	Article name
articleNumber	String	Article number

SubResult: ReplacedByNumbersRecordSeq

Field	Type	Description
replaceArticleId	Long	Replacement article ID
replaceNumber	String	Replacement article number

SubResult: ReplacedNumbersRecordSeq

Field	Type	Description
replaceArticleId	Long	Replacement article ID
replaceNumber	String	Replacement article number

SubResult: UsageNumbersRecordSeq

Field	Type	Description
usageNumber	String	Trade number

___

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 115 of 155

Request Parameter:

Name	Type/Required		States	Description
articleId	LongList		Results of article selection	List of Article ID's (max. 25 entries)
attributs	Boolean	X	if true, get article attributes else false	Article attributs
country	String	X	Country code according to ISO 3166	Country
documents	Boolean	X	If true, get documents else false	Document description
documentsData	Boolean	X	If true, get documents data else false	Documentdata
eanNumbers	Boolean	X	If true, get EAN number else false	EAN number
immediateAttributs	Boolean	X	If true, get immediate attributes else false	Article main attributes
immediateInfo	Boolean	X	If true, get immediate info else false	Article main info
info	Boolean	X	If true, get article informa-tion else false	Article information
lang	String	X	Language code according to ISO 639	Language
mainArticles	Boolean	X	If true, get main articles else false	Main articles of part articles
normalAustauschPrice	Boolean	X	If true, get normal price else false	Normal price
oeNumbers	Boolean	X	If true, get OE numbers else false	OE numbers
priceDate	Integer		Price date [YYYYMMDD] Null = current date	Price date
prices	Boolean	X	If true, get article catalog prices else false	Article catalog prices
provider	Integer	X	Provider ID given by TecDoc	Provider ID
replacedByNumbers	Boolean	X	If true, get replaced by numbers else false	Replaced by numbers
replacedNumbers	Boolean	X	If true, get replace-ment number else false	Replacement number
usageNumbers	Boolean	X	If true, get trade number else false	Trade numbers

11.3   Get all article detail information by article string list

Find all detail information of a list of articles (with body type info).

Function:

getDirectArticlesByIds2StringList()

Result:

Field	Type	Description
ArticleAttributes	AssignedArticleAttribut-sRecordSeq	Article attributes
ArticleDocuments	ArticleDocumentsRecordSeq	Dokumentdescription
ArticleInfo	AssignedArticleInfosRec-ordSeq	Article information
ArticlePrices	ArticlePricesRecordSeq	Article catalog prices
DirectArticle	ArticleDirectSearchById-2Record	Article basic information
DocumentData	ArticleDocumentsByDocId-RecordSeq	Document data
EanNumber	EanNumbersRecordSeq	EAN number
ImmediateAttributs	ImmediateAttributsRecor-dSeq	Article main attributes
ImmediateInfo	ImmediateInfosRecordSeq	Article main info
MainArticle	MainArticlesRecordSeq	Main articles of part articles
NormalAustauschPrice	ArticlePricesNormalAust-auschRecordSeq	Retail/Reconditional price
OenNumbers	ArticleOENumbersRecordSeq	OE numbers
ReplacedByNumber	ReplacedByNumbersRecord-Seq	Replaced by numbers
ReplacedNumber	ReplacedNumbersRecordSeq	Replacement numbers
UsageNumbers	UsageNumbersRecordSeq	Trade numbers

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 117 of 155

SubResult: ArticleDirectSearchById2Record

Field	Type	Description
articleAddName	String	Article add name
articleId	Long	Article ID
articleName	String	Article name
articleNo	String	Article number
articleState	Long	Article state (KT 073)
articleStateName	String	Article state name (KT 073)
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
hasAppendage	Boolean	true if appendages are available else false
hasAxleLink	Boolean	true if axle links are available else false
hasCsGraphics	Boolean	true if context sensitive graphics are available else false
hasDocuments	Boolean	true if documents are available else false
hasLessDiscount	Boolean	true if less discount is available else false
hasMarkLink	Boolean	true if body type links are available else false
hasMotorLink	Boolean	true if motor links are available else false
hasOEN	Boolean	true if OE numbers are available else false
hasPartList	Boolean	true if a part list is available else false
hasPrices	Boolean	true if prices are available else false
hasSecurityInfo	Boolean	true if security info is available else false
hasUsage	Boolean	true if trade numbers are available else false
hasVehicleLink	Boolean	true if vehicle links are available else false
packingUnit	Integer	Packing Unit
quantityPerPackingU-nit	Integer	Quantity per packing unit

SubResult: ArticleDocumentsByDocIdRecordSeq

Field	Type	Description
docData	Byte[]	The binary representation of the document. Deprecated field: Use seperate binary download feature as described in 1.7.
docFileType	String	File type (MIME-Types: e.g. application/pdf, image/gif, image/jpeg)
docId	String	Document ID

SubResult: ArticleDocumentsRecordSeq

Field	Type	Description
docFileName	String	File name
docFileTypeName	String	File type name (e.g. Bitmap)
docId	String	Document ID
docLinkId	Long	Document link ID
docText	String	Document description
docTypeId	Long	Document type Id
docTypeName	String	Document type name (KT 141)

SubResult: ArticleOENumbersRecordSeq

Field	Type	Description
blockNumber	Integer	Block number
brandName	String	Manufacturer name
oeNumber	String	OE number
sortNumber	Integer	Sort number

SubResult: ArticlePricesNormalAustauschRecordSeq

Field	Type	Description
currency	String	Currency
hasLessDiscount	Boolean	true, if less discount available else false
price	Integer	Price with 2 decimal spaces
priceTypeId	Long	Price type (KT 074)
priceTypeName	String	Price type name (KT 074)
priceUnitId	Long	Price unit ID (KT 070)
priceUnitName	String	Price unit name (KT 070)
quantityUnitId	String	Quantity unit ID (KT 071, e.g. Piece)
quantityUnitName	String	Quantity unit name (KT 071, e.g. Piece)
validDateFrom	Integer	From date valid [YYYYMMDD]
validDateTo	Integer	To date valid [YYYYMMDD]

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 119 of 155

SubResult: *ArticlePricesRecordSeq*

Field	Type	Description
currency	String	Currency
discount	String	Discount
hasLessDiscount	Boolean	true if less discount is available else false
price	Integer	Price
priceTypeId	Long	Price type (KT 074)
priceTypeName	String	Price type name (KT 074)
priceUnitId	Long	Price unit ID (KT 070)
priceUnitName	String	Price unit name (KT 070)
quantityUnitId	String	Quantity unit ID (KT 071, e.g. Piece)
quantityUnitName	String	Quantity unit name (KT 071, e.g. Piece)
validDateFrom	Integer	From date valid [YYYYMMDD]
validDateTo	Integer	To date valid [YYYYMMDD]

SubResult: *AssignedArticleAttributsRecordSeq*

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A: Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
attrValueId	Long	Attribute value ID

SubResult: *AssignedArticleInfosRecordSeq*

Field	Type	Description
infoId	Long	Information ID
infoText	String	Information text
infoType	Long	Information type (KT 072)
infoTypeName	String	Information type name (KT 072)

SubResult: *EanNumbersRecordSeq*

Field	Type	Description
eanNumber	String	EAN number

SubResult: ImmediateAttributsRecordSeq

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A :Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
attrValueId	Long	Attribute value ID

SubResult: ImmediateInfosRecordSeq

Field	Type	Description
infoId	Long	Information ID
infoText	String	Information text
infoTypeId	Long	Information type (KT 072)
infoTypeName	String	Information type name (KT 072)

SubResult: MainArticlesRecordSeq

Field	Type	Description
articleAddName	String	Article add name
articleId	Long	Article ID
articleName	String	Article name
articleNumber	String	Article number

SubResult: ReplacedByNumbersRecordSeq

Field	Type	Description
replaceArticleId	Long	Replacement article ID
replaceNumber	String	Replacement article number

SubResult: ReplacedNumbersRecordSeq

Field	Type	Description
replaceArticleId	Long	Replacement article ID
replaceNumber	String	Replacement article number

SubResult: UsageNumbersRecordSeq

Field	Type	Description
usageNumber	String	Trade number

Request Parameter:

Name	Type/Required		States	Description
articleId	StringList		Results of article selection	List of Article ID's (max. 25 entries)
attributs	Boolean	X	if true, get article attributes else false	Article attributs
country	String	X	Country code according to ISO 3166	Country
documents	Boolean	X	If true, get document else false	Document description
documentsData	Boolean	X	If true, get documentdata else false	Documentdata
eanNumbers	Boolean	X	If true, get EAN number else false	EAN number
immediateAttributs	Boolean	X	If true, get immediate attributes else false	Article main attributes
immediateInfo	Boolean	X	If true, get immediate info else false	Article main info
info	Boolean	X	If true, get article informa-tion else false	Article information
lang	String	X	Language code according to ISO 639	Language
mainArticles	Boolean	X	If true, get main articles else false	Main articles of part articles
normalAustauschPrice	Boolean	X	If true, get normal price else false	Normal price
oeNumbers	Boolean	X	If true, get OE numbers else false	OE numbers
priceDate	Integer		Price date [YYYYMMDD] Null = current date	Price date
prices	Boolean	X	If true, get article catalog prices else false	Article catalog prices
provider	Integer	X	Provider ID given by TecDoc	Provider ID
replacedByNumbers	Boolean	X	If true, get replaced by numbers else false	Replaced by numbers
replacedNumbers	Boolean	X	If true, get replace-ment number else false	Replacement number
usageNumbers	Boolean	X	If true, get trade number else false	Trade numbers

12   Get articles by criteria
Find articles by criteria.

These functions are used to filter a list of articles.

There are two important restrictions:

1.   Articles to be filtered must be linked, for example found by a car.
      Articles found by a direct search can not be filtered.

2.   Articles to be filtered must belong to the same generic article.

Use the following program flow to filter the articles:

1.   Get all filter criteria with function getCriteria2() and cache them.
      The 'criteria type' specifies the filter function (see step 5).
      If 'dutyFlag' is set, more than one attribute value of one criterion can
      be used to specify one article. In this case each attribute value is
      chooseable and needs to get transfered into the filter function.
      If the 'dutyFlag' is not set, there is only one attribute value chooseable
      and needs to get transfered into the filter function. In the case of no
      filtering jump over to the next criterion. If 'IsInterval' equals true,
      the interval filter getCriteriaFilterArticlesByValuesInterval() is usable
      with two criteria (upper and lower value) to specify one article.
      The 'SuccessorId' is used in the filter function (see step 5).

2.   Get the ArticleIds (articleIds and articleLinkIds) by calling function
      getArticleIds3() for exactly one generic article.

3.   Get the possible filter criteria for the requested generic article as
      response of getRequiredAttributes().

4.   Get the filter values for the first (next) criterion and the first (next)
      article list with function getCriteriaAttributesByCriteriaArticles().

5.   Filter the article list by the attribute values with the following
      functions:

      A.   Use function getCriteriaFilterArticlesByValues(),
            if the criterion is alphanumeric (see step 1).
      B.   Use function getCriteriaFilterArticlesByValuesNumeric(),
            if the criterion is numeric (see step 1).
      C.   You may use function getCriteriaFilterArticlesByValuesInterval(),
            if the criterion is interval (see step 1).

6.   Go further with step 4 until all filter criteria are used.

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 123 of 155

12.1   Get required Attributs

Find required criteria of a generic article.

Function:

getRequiredAttributes()

Result:

Field	Type	Description
criteriaId	Long	Criteria ID
dutyFlag	Boolean	Duty flag

Request Parameter:

Name	Type/Required		States	Description
country	String	X	Country code according to ISO 3166	Country
genericArticleId	Long	X	Result of generic article selection	Generic article number
provider	Integer	X	Provider ID given by TecDoc	Provider ID

12.2   Get attribute values of articles
Find attribute values of articles.

Function:
getCriteriaAttributesByCriteriaArticles()

Result:
Field	Type	Description
attributeValue	String	Attribute value
criteriaId	Long	Criteria ID

Request Parameter:
Name	Type/Required		States	Description
articleIds	LongList	X	Result of article selection	List of article ID's
articleLinkIds	LongList		Result of article selection	List of articlelink ID's
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long	X	Criteria ID	Criteria ID
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

_____

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Page 125 of 155

12.3   Get attribute values of articles stringlist

Find attribute values of articles stringlist.

Function:
getCriteriaAttributesByCriteriaArticlesStringList()

Result:

Field	Type	Description
attributeValue	String	Attribute value
criteriaId	Long	Criteria ID

Request Parameter:

Name	Type/Required		States	Description
articleIds	StringList	X	Result of article selection	List of article ID's
articleLinkIds	StringList		Result of article selection	List of articlelink ID's
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long	X	Criteria ID	Criteria ID
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

12.4   Get articles filtered by attribute string values

Find articles by attribute values.

Function:

getCriteriaFilterArticlesByValues()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Articlelink ID

Request Parameter:

Name	Type/Required		States	Description
articleIds	LongList	X	Result of article selection	List of article ID's
articleLinkIds	LongList		Result of article selection	List of articlelink ID's
attributeValues	StringList	X	List of attribute values	List of attribute values
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long	X	Criteria ID	Criteria ID
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

12.5   Get articles filtered by attribute string values stringlist

Find articles by attribute values stringlist.

Function:

getCriteriaFilterArticlesByValuesStringList()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Articlelink ID

Request Parameter:

Name	Type/Required		States	Description
articleIds	StringList	X	Result of article selection	List of article ID's
articleLinkIds	StringList		Result of article selection	List of articlelink ID's
attributeValues	StringList	X	List of attribute values	List of attribute values
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long	X	Criteria ID	Criteria ID
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

12.6   Get articles filtered by attribute numeric values
Find articles by attribute numeric values

Function:
getCriteriaFilterArticlesByValuesNumeric()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Articlelink ID

Request Parameter:

Name	Type/Required		States	Description
articleIds	LongList	X	Result of article selection	List of article ID's
articleLinkIds	LongList		Result of article selection	List of articlelink ID's
attributeValues	StringList	X	List of attribute values	List of attribute values
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long	X	Criteria ID	Criteria ID
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

12.7   Get articles filtered by attribute numeric values stringlist

Find articles by attribute numeric values stringlist.

Function:

getCriteriaFilterArticlesByValuesNumericStringList()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Articlelink ID

Request Parameter:

Name	Type/Required		States	Description
articleIds	StringList	X	Result of article selection	List of article ID's
articleLinkIds	StringList		Result of article selection	List of articlelink ID's
attributeValues	StringList	X	List of attribute values	List of attribute values
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long	X	Criteria ID	Criteria ID
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

12.8　　Get articles filtered by attribute interval values

Find articles by attribute interval values.

Function:

getCriteriaFilterArticlesByValuesInterval()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Articlelink ID

Request Parameter:

Name	Type/Required		States	Description
articleIds	LongList	X	Result of article selection	List of article ID's
articleLinkIds	LongList		Result of article selection	List of articlelink ID's
country	String	X	Country code according to ISO 3166	Country
criteriaId	Long		Criteria ID	Criteria ID
criteriaId2	Long		Successor criteria ID	Successor criteria ID
flagDate	Boolean	X	true: value is a date false: value is no date	Flag: Is Date
lang	String	X	Language code according to ISO 639	Language
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID
value1	String		Interval value 1	Interval value 1
value2	String		Interval value 2	Interval value 2

12.9 Get articles filtered by attribute interval values stringlist

Find articles by attribute interval values stringlist.

Function:

getCriteriaFilterArticlesByValuesIntervalStringList()

Result:

Field	Type	Description
articleId	Long	Article ID
articleLinkId	Long	Articlelink ID

Request Parameter:

Name	Type/Required	States	Description
articleIds	StringList X	Result of article selection	List of article ID's
articleLinkIds	StringList	Result of article selection	List of articlelink ID's
country	String X	Country code according to ISO 3166	Country
criteriaId	Long	Criteria ID	Criteria ID
criteriaId2	Long	Successor criteria ID	Successor criteria ID
flagDate	Boolean X	true: value is a date false: value is no date	Flag: Is Date
lang	String X	Language code according to ISO 639	Language
linkingTargetType	String X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer X	Provider ID given by TecDoc	Provider ID
value1	String	Interval value 1	Interval value 1
value2	String	Interval value 2	Interval value 2

13   Get article documents

Find document descriptions to an article.

13.1   Get article documents

Find document descriptions to an article.

Function:

getArticleDocuments()

Result:

Field	Type	Description
docFileName	String	File name
docFileTypeName	String	File type name (e.g. Bitmap)
docId	String	Document ID
docLinkId	Long	Document link ID
docText	String	Document description
docTypeId	Long	Document type Id
docTypeName	String	Document type name (KT 141)

Request Parameter:

Name	Type/Required	States	Description
articleId	Long	X	Result of article selection	Article ID
articleLinkId	Long		In case of assembly group selection article link ID of article selection else (article direct search) null	Article link ID
country	String	X	Country code according to ISO 3166	Country
docTypeId	Long		Document type (KT 141)	Document type
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

13.2   Get article thumbnail documents

Find article thumbnail documents.

Function:

getThumbnailByArticleId()

Result:

Field	Type	Description
thumbDocId	String	Document ID
thumbFileName	String	File name
thumbTypeId	Long	Document type Id

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID

13.3   Get article context sensitive document data

Find article context sensitive document data.

Function:

getCsgDocumentDataByArticleId2()

Result:

Field	Type	Description
ArticleDoc	ArticleDocumentsByDocId-Record	Document data
ArticleParSeq	ArticlePartList2RecordSeq	Article part list
CoSeq	CoordinatesByArticleDoc-umentRecordSeq	Coordinates for context graphics

SubResult: ArticleDocumentsByDocIdRecord

Field	Type	Description
docData	Byte[]	The binary representation of the document. Deprecated field: Use seperate binary download feature as described in 1.7.
docFileType	String	File type (MIME-Types: e.g. application/pdf, image/gif, image/jpeg)
docId	String	Document ID

SubResult: ArticlePartList2RecordSeq

Field	Type	Description
articleAddName	String	Article add name
articleName	String	Article name
articleNo	String	Article number
articleState	Long	Article state (KT 073)
articleStateName	String	Article state name (KT 073)
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article number
hasAxleLink	Boolean	true if axle links are available else false
hasDocuments	Boolean	true if documents are available else false
hasMarkLink	Boolean	true if mark links are available else false
hasMotorLink	Boolean	true if motor links are available else false
hasOEN	Boolean	true if OE numbers are available else false
hasPartList	Boolean	true if a part list is available else false
hasPrices	Boolean	true if prices are available else false
hasSecurityInfo	Boolean	true if security information is available else false
hasVehicleLink	Boolean	true if vehicle links are available else false
packingUnit	Integer	Packing unit
partArticleId	Long	Part article ID
partId	Long	Part article link ID
quantity	Integer	Quantity
quantityPerPackingU-nit	Integer	Quantity per packing unit

_____
The publication of this document, or parts of it, in arbitrary from requires the written agreement of the
TecDoc Informations System GmbH.

Page 136 of 155

SubResult: CoordinatesByArticleDocumentRecordSeq

Field	Type	Description
number	Integer	Coordinate number
partArticleId	Long	Part article Id
partArticleLinkId	Long	Part article link ID
subNumber	Integer	Coordinate sub number
type	Integer	Coordinate type: 0: circle 1: rectangle
x1Value	Long	X value of upper left corner or center
x2Value	Long	X value of lower right corner or radius
y1Value	Long	Y value of upper left corner or center
y2Value	Long	Y value of lower right corner

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
articleLinkId	Long		Result of article selection	Article link Id
articlePartList	Boolean	X	If true, get article part list else false	Flag: Article Part List
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type U: null	Linking target ID
linkingTargetType	String		Linking target type: C: Vehicle M: Motor A: Axle K: Body type U: Universal	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

13.4   Get article context sensitive document
Find context sensitive graphics of an article.

Function:
getCsgDocumentsByArticleId()

Result:

Field	Type	Description
csgDocId	String	Document ID
csgFileName	String	File name
csgId	Long	Context sensitive graphic ID

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
provider	Integer	X	Provider ID given by TecDoc	Provider ID

13.5   Get coordinates by article document

Find coordinates by article document. The coordinate system is starting with X=0, Y=0 at the top left of the document.

Function:

getCoordinatesByArticleDocument()

Result:

Field	Type	Description
number	Integer	Coordinate number
partArticleId	Long	Part article Id
partArticleLinkId	Long	Part article link ID
subNumber	Integer	Coordinate sub number
type	Integer	Coordinate type: 0: circle 1: rectangle
x1Value	Long	X value of upper left corner or center
x2Value	Long	X value of lower right corner or radius
y1Value	Long	Y value of upper left corner or center
y2Value	Long	Y value of lower right corner

Request Parameter:

Name	Type/Required	States	Description
csgId	Long X	Context sensitive graphic ID	Context sensitive graphic ID
provider	Integer X	Provider ID given by TecDoc	Provider ID

13.6   Get article document data (DEPRECATED)
Find document data.

Function:
getArticleDocumentsByDocId()

Result:

Field	Type	Description
docData	Byte[]	The binary representation of the document. Deprecated field: Use seperate binary download feature as described in 1.7.
docFileType	String	File type (MIME-Types: e.g. application/pdf, image/gif, image/jpeg)
docId	String	Document ID

Request Parameter:

Name	Type/Required	States	Description
docId	String	X Document ID	Document ID
provider	Integer	X Provider ID given by TecDoc	Provider ID
thumbFlag	Boolean	X Thumb Flag	Thumb flag

14   Get article accessory list
Find accessory list.

14.1   Get article accessory list existing information
Find information if an accessory list of an article exists.

Function:
getArticleHasAccessoryList()

Result:

Field	Type	Description
articleAccessoryId	Long	Article accessory ID

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
carId	Long		Result of vehicle selection if not an universal article	Vehicle ID
country	String	X	Country code according to ISO 3166	Country
manuId	Long		Result of manufacturer selection if not an universal article	Manufacturer ID
modelId	Long		Result of model selection if not an universal article	Model ID
motorId	Long		Result of motor slection if not an universal article	Motor ID
provider	Integer	X	Provider ID given by TecDoc	Provider ID
universalFlag	Boolean	X	true if universal article else false	Flag: universal article selection

14.2   Get article accessory list with attributes
Find accessory list of an article with attributes.

Function:
getArticleAccessoryList4()

Result:

Field	Type	Description
AccessoryAttributs	ArticleAccessoryImmedia-teAttributsRecordSeq	Accessory attributs
AccessoryDetails	ArticleAccessoryList3Re-cord	Accessory details

SubResult: ArticleAccessoryImmediateAttributsRecordSeq

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A: Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value
isAccessoryAttr	Boolean	true if accessory attribute else false

SubResult: ArticleAccessoryList3Record

Field	Type	Description
accessoryArticleId	Long	Accessory article ID
accessoryArticleName	String	Accessory article name
accessoryLinkId	Long	Accessory link ID
articleAddName	String	Article add name
articleListNo	Integer	Article list number
articleName	String	Article name
articleNo	String	Article number
articleState	Long	Article state (KT 073)
articleStateName	String	Article state name (KT 073)
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article name
hasAxleLink	Boolean	true if axle links are available else false
hasDocuments	Boolean	true if documents are available else false
hasMarkLink	Boolean	true if body type links are available else false
hasMotorLink	Boolean	true if motor links are available else false
hasOEN	Boolean	true if OE numbers are available else false
hasPartList	Boolean	true if a part list is available else false
hasPrices	Boolean	true if prices are available else false
hasSecurityInfo	Boolean	true if security info is available else false
hasVehicleLink	Boolean	true if vehicle links are available else false
packingUnit	Integer	Packing Unit
quantity	Integer	Quantity
quantityPerPackingU-nit	Integer	Quantity per packing unit

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
articleLinkId	Long		Result of article selection	Article link ID
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Linking target ID according to linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID U: null	Linking target ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type ID U: Universal	Linking target type
manuId	Long		Result of vehicle manufacturer selection if linking target type is: Vehicle, Motor, Body type or Axle else null	Manufacturer ID
modId	Long		Result of vehicle model selection if linking target type is: Vehicle, Motor, Body type or Axle else null	Model ID
priceDate	Integer		Price date [YYYYMMDD] Null = current date	Price date
provider	Integer	X	Provider ID given by TecDoc	Provider ID

15   Get article part list

Find part list of an article.

15.1   Get article part list

Find part list of an article.

Function:

getArticlePartList2()

Result:

Field	Type	Description
articleAddName	String	Article add name
articleName	String	Article name
articleNo	String	Article number
articleState	Long	Article state (KT 073)
articleStateName	String	Article state name (KT 073)
brandName	String	Brand name
brandNo	Long	Brand number
genericArticleId	Long	Generic article ID
genericArticleName	String	Generic article number
hasAxleLink	Boolean	true if axle links are available else false
hasDocuments	Boolean	true if documents are available else false
hasMarkLink	Boolean	true if mark links are available else false
hasMotorLink	Boolean	true if motor links are available else false
hasOEN	Boolean	true if OE numbers are available else false
hasPartList	Boolean	true if a part list is available else false
hasPrices	Boolean	true if prices are available else false
hasSecurityInfo	Boolean	true if security information is available else false
hasVehicleLink	Boolean	true if vehicle links are available else false
packingUnit	Integer	Packing unit
partArticleId	Long	Part article ID
partId	Long	Part article link ID
quantity	Integer	Quantity
quantityPerPackingU-nit	Integer	Quantity per packing unit

_____

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
articleLinkId	Long		Result of article selection	Article link ID
axleId	Long		Result of axle selection	Axle ID
carId	Long		Result of car selection	Car ID
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
markId	Long		Result of body type selection	Mark ID
motorId	Long		Result of motor selection	Motor ID
priceDate	Integer		Price date [YYYYMMDD] Null = current date	Price date
provider	Integer	X	Provider ID given by TecDoc	Provider ID

16   Get linked article
Find linked article.

16.1   Get linked vehicles, motors, axles of an article by manufacturer
Find vehicles, motors and axles of a manufacturer, which are linked to articles.

Function:
getArticleLinkedAllLinkingTarget2()

Result:

Field	Type	Description
articleLinkId	Long	Article link ID
linkingTargetId	Long	Selection of linking target ID according to the linking target type: C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID
linkingTargetType	String	Linking target type: C: Vehicle M: Motor A: Axle K: Body type

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
country	String	X	Country code according to ISO 3166	Country
lang	String	X	Language code according to ISO 639	Language
linkingTargetId	Long		Selection of linking target ID according to the linking target type, which is excluded C: Vehicle ID M: Motor ID A: Axle ID K: Body type ID	Linking target ID
linkingTargetManuId	Long		Selection of linking target manufacturer ID according to the linking target type: C: Vehicle manufacturer ID's M: Motor manufacturer A: Axle manufacturer K: Body type manufacturer	Linking target manufactuer ID
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
If this function is used after an article direct search (and no linkingTargetId is given) the linkingTargetId can be set to -1.

16.2   Get linked vehicle, motor, axle manufacturers of an article

Find vehicle, motor and axle manufacturers, which are linked to articles.

Function:

getArticleLinkedAllLinkingTargetManufacturer()

Result:

Field	Type	Description
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
country	String	X	Country code according to ISO 3166	Country
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axle K: Body type	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

16.3 Get linked vehicle, motor, axle details of an article and a list of linking targets

Find linked vehicle, motor, axle, body type details of an article and
a list of linking targets (with body type info).

Function:

getArticleLinkedAllLinkingTargetsByIds2()

Result:

Field	Type	Description
articleLinkId	Long	Article link ID
linkingTargetId	Long	Linking target ID
LinkedArticleImmedi-ateAttributs	ImmediateAttributsLinke-dElementsRecordSeq	Main attributes of the linked article
LinkedAxles	AxleByIdRecordSeq	Linked axles
LinkedMarks	MarkByIdRecordSeq	Linked marks
LinkedMotors	ArticleLinkedMotorsById-RecordSeq	Linked motors
LinkedVehicles	ArticleLinkedVehiclesBy-IdRecordSeq	Linked vehicles

SubResult: *ArticleLinkedMotorsByIdRecordSeq*

Field	Type	Description
assembledFrom	String	From assembled date
assembledTo	String	To assembled date
cylinder	Integer	Cylinder
cylinderCapacity	Integer	Capacity / ccm
manuDesc	String	Manufacturer name
manuId	Long	Manufacturer ID
motorCode	String	Motor code
motorId	Long	Motor ID
powerHp	Integer	From power / HP
powerKw	Integer	Power / KW

SubResult: *ArticleLinkedVehiclesByIdRecordSeq*

Field	Type	Description
assembledFrom	String	From assembled date
assembledTo	String	To assembled date
axisConfiguration	String	Axis configuration name
carDesc	String	Vehicle name
carId	Long	Vehicle ID
constructionType	String	Construction type name
cylinderCapacity	Integer	Capacity / ccm
manuDesc	String	Manufacturer name
manuId	Long	Manufacturer ID
modelDesc	String	Model name
modelId	Long	Model ID
powerHpFrom	Integer	From Power / HP
powerHpTo	Integer	To Power / HP
powerKwFrom	Integer	From power / KW
powerKwTo	Integer	To Power / KW
tonnage	Integer	Tonnage / T
yearOfConstructionF-rom	Integer	From construction year [YYYYMM]
yearOfConstructionTo	Integer	To construction year [YYYYMM]

SubResult: *AxleByIdRecordSeq*

Field	Type	Description
axleDescription	String	Axle description
axleId	Long	Axle ID
axleLoadFrom	Integer	From axle load/kg
axleLoadUpto	Integer	To axle load/kg
axleTypeId	Long	Axle type ID
manuId	Long	Manufacturer ID
manuName	String	Manufacturer name
manuShortName	String	Manufacturer short name
modelId	Long	Axle model ID
modelName	String	Model name
yearOfConstrFrom	Integer	From construction year [YYYYMM]
yearOfConstrTo	Integer	To construction year [YYYYMM]

SubResult: ImmediateAttributsLinkedElementsRecordSeq

Field	Type	Description
attrBlockNo	Long	Blocknumber
attrId	Long	Attribute ID
attrIsConditional	Boolean	Flag: Is conditional block
attrIsInterval	Boolean	Flag: Is Interval
attrName	String	Attribute name
attrShortName	String	Attribute short name
attrSuccessorId	Long	Successory ID
attrType	String	Attribute type: A: Alphanumeric D: Date K: Key N: Numeric V: Without value Others tbd
attrUnit	String	Attribute unit
attrValue	String	Attribute value

SubResult: MarkByIdRecordSeq

Field	Type	Description
linkedCars	Integer	Count of linked cars
manuName	String	Name of vehicle manufacturer
markId	Long	Body type ID
markName	String	Body type name

Request Parameter:

Name	Type/Required		States	Description
articleId	Long	X	Result of article selection	Article ID
country	String	X	Country code according to ISO 3166	Country
immediateAttributs	Boolean	X	If true, select immediate attributes else false	Select immediate attributs
lang	String	X	Language code according to ISO 639	Language
linkedArticlePairs	LinkedArt-iclePairSeq		Result of linked article selection	List of linked article
linkingTargetType	String	X	Linking target type: C: Vehicle M: Motor A: Axles K: Body type	Linking target type
provider	Integer	X	Provider ID given by TecDoc	Provider ID

Comment:
LinkedArticlePairSeq is a sequence of LinkedArticlePair, which has two mandatory fields:
linkingTargetId (Long) and articleLinkId (Long).

17   Table of Functions

This is a list of available functions sorted by name.

- A -

- B -

The publication of this document, or parts of it, in arbitrary from requires the written agreement of the TecDoc Informations System GmbH.