

## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

# The new-CMS's API allow the user's own software to interact directly with the new-CMS's backend for the creation of Opt-Out

UPC's new CMS is available for practice on a dedicated environment. Within this environment, you can prepare and test your development on APIs for opt-out, before you do it for real in the new CMS.

For each of API calls / functions available, we will provide you with:

- Type of request and a description
- The endpoint(s)
- The (main) input parameter(s)
- A sample of call (http request or json file)
- A sample of result (and depending on the result, the impact or visualization on the CMS frontend)
- A positive and negative result will be described also

#### PRE-CONDITION

The user must be a registered new CMS user. For that, he has created on the new CMS an account (and he has defined one username and one password).

If you were a user in the previous old-CMS, your account has been migrated to the new CMS, you need just to finalize the enrolment by doing a first connection on the CMS Front Office (within this first connection you need to retrieve the password and defined a new one and perform the required action related to the MFA (multi factor authentication).

Once these steps are done, your account can also be used to interact with the new CMS, via the A2A API to submit optout request(s) to the CMS.

The user account is ENVIRONMENT DEPENDENT.

If you need assistance or help regarding the process of new-CMS Onboarding, please consult the dedicated "How-To" document available on UPC Corporate website in section "FAQ"



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### CHANGES INTRODUCED IN THIS VERSION (V1.3) COMPARED TO PREVIOUS VERSION (V1.2)

1. Clarifying AND change in the values of the parameters grant\_type and client\_id in the getToken API Request (required to obtain your token for all subsequent calls)

#### CHANGE COMPARED TO PREVIOUS CMS A2A API:

This new version does not require any API-KEY anymore but a **OAUTH Token**. This token can be obtained by calling a dedicated API Request. Once you get your token, this one needs to be used in the subsequent API calls. This token expires after 1800 seconds, meaning that you need to refresh your token each 1800 seconds.

This Token is valid for one specific environment (for example one Token for the testing environment, and another one for the production environment).

This document is based on the last available <u>SWAGGER / JSON file new CMS version 1.3</u> available on the UPC Corporate website under the section "For IT Developer", in this section you can find the JSON Swagger file and other useful updated information.



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025





## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

## Get your TOKEN

Type POST

**Description** Obtain the TOKEN required for the authentication in the subsequent A2A API calls

Endpoints

- Prod Environment <u>https://cms.unifiedpatentcourt.org/iam-service-develop/realms/front-office-public/protocol/openid-connect/token</u>
- Testing Environment <u>https://sandbox15.frontoffice.apps-staging.epo.org/iam-service-develop/realms/front-office-public/protocol/openid-connect/token</u>

https:/	sandbox15.frontoffice.apps-staging.epo.org	iam-service-develop/realms/front-office-pu	blic/protocol/openid-connect/ <b>tok</b>	en	
POST	https://sandbox17.frontoffice.apps-stagin	ıg.epo.org/iam-service-develop/realms/front-office-pu	blic/protocol/openid-connect/token	Send	3
Params	Authorization Headers (9) Body • Script e () form-data () x-www-form-urlencoded () r	ts ● Settings aw () binary () GraphQL			
	Кеу	Value	Description		
	username	John.doe@mycompany.com	ne and password used		
	2 password 2 Johndoepassword45487!_II876 to access the CMS-UP FrontOffice				
	grant_type	password			
	client_id	filing-client			

The parameter "grant\_type" must have as value the string "password"

The parameter "client\_id" must have as value the string "filing-client"

The values of these 2 parameters are fixed values and must be entered as shown. There is no need to replace them by any other value.



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

## Create one new OPT-Out

#### Type POST

**Description** Create one new OPT-OUT related to <u>ONE</u> provided Patent (*and related information*)

- Once you have submitted your opt-out, you will get, as a result, a "technical" acknowledgement for the reception your "request" if this one is valid. The remaining internal processing of the request is now asynchronous.
- One new API request is available to get the status of your request : see detail in the next section

#### Endpoints

- Prod Environment
   <u>https:// cms.unifiedpatentcourt.org /upc-data-gateway-api/optout</u>
- Testing Environment
   <u>https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout</u>



### **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs – V1– Guide v1.4 –July 2025

#### Sample of JSON file used for the API call

#### Structure of this JSON file

- Information about the filler (who is pushing this API Optout request)
- Patent Applicant information
- Mandator Information (if any)
- Patent information
- Related document(s)

	Main structure of the Optout JSON file	
м	Information about the filler	MUST be a user with a valid CMS Account (information collected from the CMS User account profile)
		What's my status ? acting as Representative XOR acting with a Mandate XOR acting as patent proprietor
м	Information about the PATENT applicant/proprietor	Information about the PATENT applicant/proprietor as its defined at EPO ( sample within EPO's Espacenet)
0	Information about the MANDATOR (if any)	If I am acting with a Mandate, who provide me with the mandate ?
м	PATENT identification and details	Details about the patent involved in this optout request ( EP number, SPC details if any)
м	DOCUMENT(S) details	<ul> <li>The required documents and their related information (language, title, filename, mime type, description)</li> <li>In any case, the <u>application form</u></li> <li>If you are acting with a <u>Mandate</u>, this mandate</li> <li>Any <u>other</u> additional document</li> </ul>
		Document format : any PDF/A but CONVERTED and ENCODED Base64
м	Mandatory section <b>O</b> Optional section	Control(s) in place

#### Sample of PATENT applicant / proprietor section





## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs – V1– Guide v1.4 –July 2025

#### Sample of MANDATOR section (required if the statusPersonLodgingApplication =

 $Not {\sf ARegistered Representative Before The {\sf UPC}}$ 

"mandator": {
"lastName": "Mandator Baxter",
"firstName": "sa",
"email": "contact_person@patentapplicant_company.com",
"contactAddress": {
"address": "10 Rue de la distillerie",
"zipCode": "7000",
"city": "OUTSIPLOUX LES BAINS",
"state": "BE"
},
"registeredIsSameAsPostalAddress": "true"
},



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### Here after a complete sample : (in this case, the person is acting as a RegisteredRepresentative)





## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

```
"mimeType": "application/pdf"
        }
        ],
        "documentTitle": "Opt-out EP0007605",
        "documentDescription": "Opt-out document for publication number EP0007605"
        }
    ],
    }
```



### **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### Main business Validation Rule(s) or Constraint(s)



#### Other Validation Rule(s) or Constraint(s)

The fields / items highlighted in red-bold here above are subject to validation rule(s)/ restriction(s)

Email :	MUST contains the character "@".				
	Sample of valid data	: first_name.last_name@myemailprovider.com			
	Sample of <b>Invalid</b> data	: my_first_name.my_lastname			
State :	MUST be a valid ISO Co	untry Code expressed as 2 UPPERCASE such as BE, IT, .			
	Sample of valid data	: FR or IT or BE			
	Sample of <b>invalid</b> data	: fr, France,			

statusPersonLodgingApplication MUST contains one of the following values

- "RegisteredRepresentativeBeforeTheUPC",
- "NotARegisteredRepresentativeBeforeTheUPC",
- "ProprietorIsPerson"

Sample of valid data : RegisteredRepresentativeBeforeTheUPC

Sample of Invalid data : Registered



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

nationalDesignation	<b>MUST</b> contains one ISO Country code expressed as 2 UPPERCASE characters such as FR, BE, IT
	Sample of valid data : FR or IT or BE
	Sample of Invalid data : fr or France
mimeType	MUST contains one of the following values
	<ul> <li>application/pdf</li> </ul>
documentType	MUST contains one of the following values
	<ul> <li>"Application",</li> <li>"Mandate"</li> <li>"Other"</li> </ul>
	Sample of valid data : Application
	Sample of Invalid data : myDocument
Language	MUST contains one ISO country code expressed as 2 lowercase characters such as fr, en, de (only these 3 values)
	It is codified with country code ISO 3166 A2. The pattern is [a-z][a-z]
	Sample of valid data : fr or en or de
	Sample of Invalid data : FR or it

Some other "minor" rules such as field minimum / maximum length and value type are described in the swagger file available in the IT Developer section on our corporate website.

#### Sample of result

Positive result. When everything went ok (return code 200),

- 1. One request is created and the corresponding number (request identification) is returned directly to the user
- 2. The information / data related to the opt-out, is stored internally and will be processed (checks of the documents, generation of receipt etc...)



## **Case Management System's A2A API**

#### How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025



You can use this **requestID** to get more information about the processing of your request (and its status)

1. <u>Your request has been properly received</u> and will be submitted to a queue for processing

"requestId": "6822f8f21df429321be3910a", "message": "created",	
"receptionTime": "2025-05-13T07:46:58.239256496Z"	Technical Id of the request, can be used within the API Request (getRequestStatus) to get additional information about your request – See here after

2. "During" the processing of your request, you can ask for a status of this one. For that, you need to use the API Request "getRequestStatus" described in the next section of this guide.



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### 3. The Opt-out is available on the new-CMS's FrontOffice

Exhetilation and his to brown	NAGEMENT				🌲 🌐 en ~	*	John DOE	D
Opt Outs								
opiouis								
In this page you can view and	manage ont-out by public u	ISPES						
	manage opt out of poole o							
Opt Outs	Subsequent Actions							
							⊕	Create
T Filters								
User reference ¢	Submission ID \$	Applicant \$	Last modif. \$	Status 🌣 🕑		Actions		Mo
User reference \$ 0-25-01-455	Submission ID ¢ 0000002376	Applicant \$ Albert MUDA	Last modif. ¢ 06/03/2025	Status 🗢 🕜	1	Actions	۲	Mo
User reference ≎           0-25-01-455           0-25-01-478	Submission ID ¢ 0000002376 0000002375	Applicant ≎ Albert MUDA Albert MUDA	Last modif.	Status ¢ ? Sent Sent	1	Actions	0	M
<ul> <li>User reference \$</li> <li>0-25-01-455</li> <li>0-25-01-478</li> <li>AV-447</li> </ul>	Submission ID            0000002376           0000002375           0000002374	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE	Last modif. \$ 06/03/2025 06/03/2025 06/03/2025	Status ÷ Ø Gent Gent	1	Actions	0 0	
<ul> <li>User reference *</li> <li>O-25-01-455</li> <li>O-25-01-478</li> <li>AV-447</li> <li>AV-448</li> </ul>	Submission ID            0000002376           0000002375           0000002374           0000002373	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE Aude VAISSELLE	Last modif.   O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025	Status © Ø Sent Sent Sent Sent	· · · · · · · · · · · · · · · · · · ·	Actions	0 0 0	
<ul> <li>User reference •</li> <li>0-25-01-455</li> <li>0-25-01-478</li> <li>AV-447</li> <li>AV-448</li> <li>AV-449</li> </ul>	Submission ID            0000002376           0000002375           0000002374           0000002373           0000002373	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE Aude VAISSELLE Aude VAISSELLE	Last modif. © 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025	Status © Ø Sent Sent Sent Sent Sent		Actions	0 0 0 0 0 0 0 0	
<ul> <li>User reference \$</li> <li>0-25-01-455</li> <li>0-25-01-478</li> <li>AV-447</li> <li>AV-448</li> <li>AV-449</li> <li>0C-784587</li> </ul>	Submission ID *           0000002376           0000002375           0000002374           0000002373           0000002371           0000002372	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE Aude VAISSELLE Aude VAISSELLE Hank HABANNE	Last modif. © 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025	Status © @ Sent Sent Sent Sent Sent Sent		Actions	© © © © ©	
<ul> <li>User reference •</li> <li>0-25-01-455</li> <li>0-25-01-478</li> <li>AV-447</li> <li>AV-448</li> <li>AV-449</li> <li>0C-784587</li> <li>0C-781452</li> </ul>	Submission ID \$           0000002376           0000002375           0000002374           0000002373           0000002371           0000002372           0000002372           0000002370	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE Aude VAISSELLE Aude VAISSELLE Hank HABANNE Hank HABANNE	Last modif.   O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025  O6/03/2025	Status © @ Sent Sent Sent Sent Sent Sent Sent		Actions		
<ul> <li>User reference •</li> <li>0-25-01-455</li> <li>0-25-01-478</li> <li>AV-447</li> <li>AV-447</li> <li>AV-448</li> <li>AV-449</li> <li>0C-784587</li> <li>0C-781452</li> <li>0C-891245</li> </ul>	Submission ID *           0000002376           0000002375           0000002374           0000002373           0000002371           0000002372           0000002370           0000002370           0000002370	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE Aude VAISSELLE Aude VAISSELLE Hank HABANNE Hank HABANNE Hank HABANNE	Last modif.   O6/03/2025  O6/03/2025	Status © @ Sent Sent Sent Sent Sent Sent Sent Sent		Actions		
<ul> <li>User reference •</li> <li>0-25-01-478</li> <li>0-25-01-478</li> <li>AV-447</li> <li>AV-448</li> <li>AV-449</li> <li>0C-784587</li> <li>0C-781452</li> <li>0C-891245</li> <li>0-FH-C12-4545</li> </ul>	Submission ID *           0000002376           0000002375           0000002374           0000002373           0000002371           0000002372           0000002370           0000002370           0000002378           0000002372	Applicant © Albert MUDA Albert MUDA Aude VAISSELLE Aude VAISSELLE Aude VAISSELLE Hank HABANNE Hank HABANNE Hank HABANNE Frank Eschtaine	Last modif. © 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025 06/03/2025	Status © @ Sent Sent Sent Sent Sent Sent Sent Sent		Actions		Mo 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

#### Figure 1 -OptOut list in new-CMS Front Office

• A click on this "eye" icon in the column "Actions" will open the detail view of your optout



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs – V1– Guide v1.4 –July 2025

Startist Filewin Court Extended to be a server of the serv			🌲 🌐 EN 🗸 🎿 John DOE 🕕 🗸
Opt Outs > Preview Albert MUDA Acknowledgen Albert MUDA	nent of receipt		> Send e-mail confirmation
This submission was successfully sent. You can view           Receipt           Signature(s)           Summary	or download the submission receipt and the package.  Acknowledgement of receipt  Sender Albert MUDA Date 06/03/2025 Application number EP253007363		
Submission ¥	Basic lodging info User reference 0-25-01-455 Submission ID 0000002376      SPC Patent Data  No data entered	Parties  Applicants  Applicant Albert MUDA      Attachments  User documents      Other opsourDut_otherDoc.pdf      Other opsourDut_otherDoc.pdf      Opt-out opsourDut_otherDoc.pdf      Opt-out opsourDut_otherDoc.pdf	Declarations
		+1 Show all	

Figure 2 Detail view of your optout in new-CMS FrontOffice



### **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### Negative result

There are two categories of Error Code

- Error-Code 400 : Client side error (+ message). Such errors are returned when the "input" /provided value(s) is (are) not correct. To be able to process your request, a modification is required in your request json file.
- Error-Code 500 : Server side error (+ message). Such errors are returned when there is an "internal error" such as time-out or access grant issue

Samples of Error-Code 400 occurring during the validation / recording process

1. The patent mentioned in the call has already been processed (and opted out)

```
{
   "code": 400,
   "caseResult": null,
   "errorMessageList": [
        "An <u>opt-out already exists</u> for this patent number \"{Provided EP Number}\""
  ]
}
```

2. The patent mentioned in the call has been previously opted-out and withdrawn. A new optout is not possible

```
{
   "code": 400,
   "caseResult": null,
   "errorMessageList": [
        "An opt-out withdrawal already exists for this patent number \"{Provided EP Number}\""
]
}
```

- 3. Error during the processing of the JSON file
  - a. When one item doesn't match the expected type of data / length of data

```
1 1
2 "code": 400,
3 "caseResult": null,
4 "errorMessageList": [
5 "Constraint violations for property OptOutCreateDto.patent.spcs[1].nationalDesignation. size must be between 0 and 16",
6 "Constraint violations for property OptOutCreateDto.patent.spcs[0].nationalDesignation. size must be between 0 and 16"
7 ]
8 ]
```



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

b. The provided encoded document(s) is not in the right format (unknown one, or not accepted one)

```
"code": 500,
"message": "422 Unprocessable Entity from POST <u>http://submission-service:8080/npefiling-api/submissions/6821c6585e9cb71701fd7be2/attachments</u>",
"errorMessageList": null
```

4. Error while submitting one Optout pretending to be a Registered Representative, while it's not the case, the request won't be accepted

```
"code": 500,
"message": "Insufficient permissions to lodge as a Representative",
"errorMessageList": []
```



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

## **GET OPTOUT Request Status**

#### Type GET

**Description** Gets the status of opt-out request(s) previously entered.

#### Endpoints:

- Prod Environment <u>https:// cms.unifiedpatentcourt.org</u> /upc-data-gateway-api/optout/request/status
- Testing Environment https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout/request/status

#### Status:

- Accepted : The request has been accepted
- Processing : The request is being processed
- *Processed* : The request has been processed properly
- *Retrying* : The request has not been properly processed and it is being retried
- *Requeued* : The request has been manually requeued by technical support
- Error : An unrecoverable error has occurred

#### Sample of the enum "status" as it is written in the API JSON/Swagger file:

```
"status" : {
    "type" : "string",
    "enum" : [ "ACCEPTED", "PROCESSED", "PROCESSING", "ERROR", "RETRYING", "REQUEUED" ]
    },
```



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### Description of this request lifecycle



One user pushes one new request via corresponding API (to create one opt-out). As soon as the system detects this request and recognizes as a valid request type, the request is then considered as **ACCEPTED**.

The system is, then, **PROCESSING** the request. If everything works fine, the request is marked as **PROCESSED** and the underlying case is fully created (receipt included) and available within the system.

If for any reason, an error (different from unrecoverable error) occurred during the process, the system will mark the request for a **RETRY**. The system will retry <u>three</u> (3) times to process this request.

If this retry does not success, the request will be marked as in **ERROR** and this underlying case will not be created at all.

The CMS administrator can analyze the request(s) and, depending on the outcome of this analysis, can **REQUEUED** (resubmit) this request to the processing.



### **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

#### Sample of call: Get the status of my (previous) request id

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/request/status?requestId= 67ca9d94b927f14cca073d4d

GET v https://sandbox15.frontof	fice.apps-staging.epo.org/upc-data-gateway-ap	/optout/request/status?request	stid=67ca9d4b927f14cca073d4d	
GET	pps-staging.epo.org/upc-data-gateway-api/optout/	request/status?requestId= 67ca9	d4b927f14cca073d4d Send ~	3
Params • Authorization • Headers (8) Bo	dy Scripts Settings		Cookies	5
Query Params				
Кеу	Value	Description	*** Bulk Edit	
requestid	67ca9d94b927f14cca073d4d		RequestID received as result fro	m previous call to "Optout" Request
internalReference	·'			
Body Cookies (1) Headers (20) Test Results	Ð	200 OK 45 ms = 1.5	51 KB = 🕼 📧 Save Response 👓	9
<pre>{} JSON &gt; &gt; Preview {@ Visualize &gt; 1 { 2     "total": 1, 3     "pageSize": 5, 4     "page": 0.</pre>		<b>,</b>	<ul> <li>Return Code for the call :</li> <li>200 : The search for the statu successful</li> <li>500 : Error and error messag</li> </ul>	us linked to the provided <u>requestID</u> is e
5 "producedAt": "2025-03-07T07:2	6:38.486404899Z",			
6 "requests": [ 7 [ 8 ] [status]: PROCESSED; 10 [status]: PROCESSED; 11 [status]: PROCESSED; 12 [status]: PROCESSED; 13 [status]: PROCESSED; 13 [status]: PROCESSED; 14 [status]: PROCESSED; 15 [status]: PROCESSED; 16 [status]: PROCESSED; 17 [status]: PROCESSED; 18 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 10 [status]: PROCESSED; 10 [status]: PROCESSED; 10 [status]: PROCESSED; 11 [status]: PROCESSED; 12 [status]: PROCESSED; 13 [status]: PROCESSED; 14 [status]: PROCESSED; 15 [status]: PROCESSED; 16 [status]: PROCESSED; 17 [status]: PROCESSED; 17 [status]: PROCESSED; 18 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 19 [status]: PROCESSED; 10 [status]: PROCESSED; 11 [status]: PROCESSED;	cca873d4d", "UPC_APP_3423/2825", wyOptoutIntRef", 4511", -03-07T07:17:40.2972", : "2025-03-07T07:18:00.2332"	]	Status of the request : ACCEPTED – the request has PROCESSING – the request is RETRVING – An error / issue   if still not successful after 5 t ERROR (ending stage) PROCESSED – everything wor optedOut ERROR – An unrecoverable e The optout is NOT done	been accepted (technically ok) : currently analyzed has been detected. We retry 5 times. rials, it will be permanently set to ked fine and the patent is now rror occurred during the processing.
17 ] Your new case r 18 } communication	elated to your request. This case number must with the UPC	t be used for any further		

You can also query with status, requestType and internalReference

Samples

- <u>https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout/request/status</u>?status=PROCESSED
- <u>https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout/request/status</u>?type=OPTOUT
- <u>https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout/request/status</u>?internalReference=TEST1

Sample of result (where the request has been properly processed and the corresponding case has been created). It returns one <u>array</u> of one or several requests depending on the criteria you used

```
[
{
    "id": " 67ca9d94b927f14cca073d4d ",
    "status": "PROCESSED",
```



}

## **Case Management System's A2A API**

#### How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

```
"type": "OPTOUT",
"officialCaseNumber": "UPC_APP_67/2023",
"internalReference": "TEST1",
"patentNumber": "EP0012350",
"receptionDate": 2023-02-06 14:18:23,
"lastStatusUpdateDate": 2023-02-06 14:35:00,
"userId": "john.doe@mycompany.com"
```

If your request is in ERROR status, an error description/ reason will be part of the result set. One request falling in "ERROR" status remains in this status (a new call to the optOut API with corrected data must be initiated). You need to "re-push" one another OptOut Request but with corrected data.



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

## GET OPTOUT Receipt (download the receipt)

#### Type GET

**Description** Gets the receipt (*and download it*) linked to one opt-out previously entered.

There are <u>2 versions</u> of query to get the receipt

- One using the requestId (received "*immediately*" from the previous call as soon as you submit your optout)
- One using the officalCaseNumber (received after the full processing of your previous submitted optout)

#### Endpoints:

- Prod Environment
  - o Based on the officialCaseNumber

https:// cms.unifiedpatentcourt.org /upc-data-gateway-api/optout/receipt/download

o Based on the **requestId** 

https:// cms.unifiedpatentcourt.org /upc-data-gateway-api/optout/request/receipt

- Testing Environment
  - Based on the officialCaseNumber

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout/receipt/download

o Based on the **requestId** 

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gateway-api/optout/request/receipt



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

You can query with the official case number OR requestID

#### Samples on Testing Environment

1. Query using the Official Case Number

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/receipt/download?officialCaseNumber=UPC APP 0031/2025

der • maps//sendoutonconce	ps-staging.epo.org/upc-data-gateway-api/optout/receipt/download	fofficialCaseNumber=UPC_APP_0045/2025	
	Environment dependent !		3
GET · https://sandbox15.frontoffice.ap	ops-staging.epo.org/upc-data-gateway-api/optout/receipt/download	d?officialCaseNumber=UPC_APP_0045/2025	Send
rams • Authorization • Headers (8) Body S	icripts Settings		Cool
uery Params			
Кеу	Value	Description	*** Bulk E
officialCaseNumber	JPC_APP_0020/2025	Care Number received as result from previous call	to get OptoutPequest Str
		Case Number received as result noin previous can	to get optouthequest of
Key Ctrl) -	Value	Description	
		200 OK 458 ms - 30.81 KB - 🗞   🖅 Save Response	09
Iody Cookies (2) Headers (23) Test Results (3)		Return Code for the call :	
Body Cookies (2) Headers (23) Test Results (4)	Acknowledgement of receipt We hereby achowledge receipt of your request to file in Opt Our request as follows	Return Code for the call : • 200 : The search for the receipt lini number is successful • 400 : Client side error + message (c • 500 : Server side error + error mess later)	ked to the provided case do not retry the same requ sage (request can be retrie
lody Cookies (2) Headers (23) Tent Results 4)	Acknowledgement of receipt We hereby advowledge receipt of your request to file an Opt Out request as follows Submission number	Return Code for the call : • 200 : The search for the receipt lini number is successful • 400 : Client side error + message (c • 500 : Server side error + error mes- later)	ked to the provided case do not retry the same req sage (request can be retri



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

2. Query using the Request ID

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/receipt/download?requestId=681461e973acf10723f7660d

GET v https://sandbox15.vontoffice.apps-	1 staging.epo.org/upc-data-gateway-api/optout/request/receipt	rrquestId=68023f7253136703a55ac084	
	Environment dependent !		3
2 CET / https://sandbox15.frontoffice.apps	-staging.epo.org/upc-data-gateway-api/optout/ <b>request/receipt</b>	PrequestId=68023f7253136703a55ac084	Send 🗸
Params • Authorization • Headers (8) Body Scrip Query Params	ots Settings		Cookies
Key  requestid	Value 68023f7253136703a55ac084	Description	*** Bulk Edit
"requestId": ":002357253136703a55ac084 "message": "created", "receptionTime": "2025-04-18T12:02:58.	4665000692" Value	RequestID received as result from previous call to the opto	ut Request
Body Cookies (2) Headers (23) Test Results ①		200 OK - 458 ms - 30.81 KB - 😩   🖽 Save Response 🚥	
	Acknowledgement of receipt Acknowledgement of receipt	Return Code for the call : 200 : The search for the receipt linked to th is successful 400 : Client side error + message (do not re 500 : Server side error + error message (rei later)	te provided requestID try the same request) quest can be retried
	Submission number 600221721190ee072.09cauf Diezuur number		

Result / Return Code

- 200 = OK (everything went ok, and the document is available for download)
- 400 = Client Side error + message (do not try the same request update your request)
- 500 = Server Side error / Message such as "Case XXXX not found" (and the document is not available)



### **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

## GET OPTOUT Overview (download the cover sheet)

#### Type GET

**Description** Gets the cover sheet (*and download it*) linked to one opt-out previously entered.

There are <u>2 versions</u> of query to get the receipt

- One using the requestId (received *"immediately"* from the previous call as soon as you submit your optout)
- One using the officalCaseNumber (received after the full processing of your previous submitted optout)

#### Endpoints:

- Prod Environment
  - Based on the officialCaseNumber <u>https:// cms.unifiedpatentcourt.org</u> /upc-data-gateway-api/optout/overview/download
  - Based on the requestId <u>https://cms.unifiedpatentcourt.org/upc-data-gateway-api/optout/request/overview</u>
- Testing Environment
- Based on the officialCaseNumber <u>https://sandbox15</u>.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/overview/download

o Based on the **requestId** https://**sandbox15**.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/**request/overview** 



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

You can query with the official case number OR requestID

#### Samples on Testing Environment

1. Query using the Official Case Number

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/overview/download?officialCaseNumber=UPC APP 0020/2025

GET	bs-staging.epo.org/upc-data-gateway-api/optout/overview/do	wnload PofficialCaseNumber=UPC_APP_0020/2025	
	Environment dependent !		3
GET	pps-staging.epo.org/upc-data-gateway-api/optout/ <b>overview/d</b>	wnload?officialCaseNumber=UPC_APP_0020/2025	Send
arams • Authorization • Headers (8) Body S Jery Params	cripts Settings		Co
Кеу	Value	Description	••• Bulk
officialCaseNumber	JPC_APP_0020/2025	• Case Number received as result from previous call to	get OptoutRequest S
Key	Value	Description	
edy Cookies (2) Headers (23) Test Results (3) Bi Hex D Preview (3) Visualize   ~		200 OK 458 ms - 30.81 KB - (월 ) 전 Save Response 🚥	
	Cover sheet	Return Code for the call : 200 : The search for the cover sheet li number is successful 400 : Client side error + message (do 500 : Server side error + error messag later)	inked to the provided not retry the same rec je (request can be retr
	Patent number(s)		



## **Case Management System's A2A API**

How to prepare your APIs opt-out with the new CMS?

NEW-CMS A2A APIs - V1- Guide v1.4 -July 2025

2. Query using the Request ID

https://sandbox15.frontoffice.apps-staging.epo.org/upc-data-gatewayapi/optout/request/overview?requestId=68023f7253136703a55ac084

GET v https://sandbox15.frontoffice.app	s-staging.epo.org/upc-data-gateway-api/optou <mark>t</mark> / <b>request/ove</b>	rview2requestId=68023f7253136703a55ac084	
	Environment dependent !		3
GET V https://sandbox15.frontoffice.ap/ Params Authorization Headers (8) Body Sc Ouery Params	ps-staging.epo.org/upc-data-gateway-api/optout/ <b>request/ov</b> ripts Settings	rview?requestid=68023f7253136703a55ac084	Cookie
<ul> <li>Key</li> <li>✓ requestid</li> </ul>	Value 680237253136703a55ac084	Description	••• Bulk Edi
"requestId": <u>668025772531367034554668</u> "messsge": "createa", "receptionTime": <u>2025-04-18712:02:58</u>	Value	RequestID received as result from previous call to t	he optout Request
Body Cookies (2) Headers (23) Test Results €		200 OK 458 ms + 30.81 KB - 🏨   📧 Save Response 🚥	10
	Cover sheet Cover sheet Cover sheet Cover sheet Active Stress Stresses	Return Code for the call : • 200 : The search for the cover shee requestD is successful • 400 : Client side error + message (d • 500 : Server side error + error mess later)	et linked to the provided to not retry the same reque sage (request can be retriec
	Submission ID 0000002848 Patent number(s) Patent number(EP2187162		

Result / Return Code

- 200 = OK (everything went ok, and the document is available for download)
- 400 = Client Side error + message (do not try the same request update your request)
- 500 = Server Side error / Message such as "Case XXXX not found" (and the document is not available)