



Changes Version 22.11.0

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Features

F-Terms and FI-Classes

The Japanese FI classes are now displayed in the detailed view.

Where available, the description text is displayed for the F-terms.

For both, there is a corresponding link to the J-Plat Pat website.

Stars: JP 2004142739 A PDF (21/10/2003, 20/05/2004, Not available, 19/05/2006) SHIMANO INC HARA NOBUYOSHI

BICYCLE HUB AXLE ASSEMBLY

Figures / Key-Terms

Biblio. info. X Abstract / Claims Description Document links Additional Fields Evaluation history

Priority: 25/10/2002 US 28006202 A US 6669306 B1 - Active

Published: 20/05/2004 JP 2004142739 A 21/10/2003 JP 2003360107 A

Applicant Org 3 E SHIMANO INC SHIMANO INC. ... Inventors 10 S HARA NOBUKATSU HARA NOBUYOSHI ...

IPC 6 D B60B 27/00 B60B 27/02 B62K 19/30 B62K 25/02 B62M 11/16 ...

CPC 6 D B60B 27/0005 B60B 27/0078 B60B 27/023 B60B 27/047 B62K 25/02 ...

FI 3 S B60B 27/00 D B62K 19/30 B62M 11/16 G

D B60B 27/00 D for bicycles

D B62K 19/30 Frame parts shaped to receive other cycle parts or accessories (axle suspensions B62K 25/00)

D B62M 11/16 G Mechanisms for changing gears and actuating devices thereof

F-Terms 2 D 3D012/BH07 3D212/BH07

D 3D012/BH07 Axles

D 3D212/BH07 Axles

Fwd. Cit. 53 S APP: 18 PRS: 11 SEA: 28 EXA: 4

Bck. Cit. 14 E APP: 3 SEA: 11

Extended family 25/10/2002 DE 60303545 T2 - Nebenachseineinheit für ein Fahrrad Strict families: 1 Applications: 6 Documents: 9

US 6669306 B1 30/12/2003 25/10/2002 US 28006202 A

EP 1413506 A1 28/04/2004 08/10/2003 EP 03022878 A

EP 1413506 B1 15/02/2006

JP 2004142739 A 20/05/2004 21/10/2003 JP 2003360107 A

The FI classes and F terms can be used in the search:

Dashboard Result list Detail view Search Graphical analysis View Management ? - Help

Save Import Copy Text Classification # Patent number Additional Fields Result list () Bracket

Save as Export Paste Date IPC/CPC \$ Legal status Evaluation Comment Search

Open Convert Country F-Terms Kind of document Folder Project/Task Advanced

New Management Edit Search blocks

Search assistant

Show CPC Show FI Plus selection

IPC / CPC code... Search

Search by classification

IPC/CPC Text IPC/CPC List IPC 7

IPC B60B 27/00 D for bicycles

CPC

CPC-Sets

FI

B60B - VEHICLE WHEELS; CASTORS; AXLES FOR WHEELS OR CAST

B60B 1/00 - Spoked wheels; Spokes thereof (non-metallic B60B

B60B 3/00 - Disc wheels, i.e. wheels with load-supporting disc

B60B 5/00 - Wheels, spokes, disc bodies, rims, hubs, wholly or

B60B 7/00 - Wheel cover discs, rings, or the like, for ornamenti

B60B 9/00 - Wheels of high resiliency

B60B 11/00 - Units comprising multiple wheels arranged side l

B60B 15/00 - Wheels or wheel attachments designed for incre

B60B 17/00 - Wheels characterised by rail-engaging elements

B60B 19/00 - Wheels not otherwise provided for or having cha

B60B 21/00 - Rims (non-metallic B60B 5/00; of high resiliency l

B60B 23/00 - Attaching rim to wheel body (attaching spokes to

B60B 25/00 - Rims built-up of several main parts (tools for ass

B60B 27/00 - Hubs (non-metallic B60B 5/00; of high resiliency

(F) B60B 27/00 A - Applications

(F) B60B 27/00 B - for passenger cars

(F) B60B 27/00 C - for motorbikes

(F) B60B 27/00 D - for bicycles

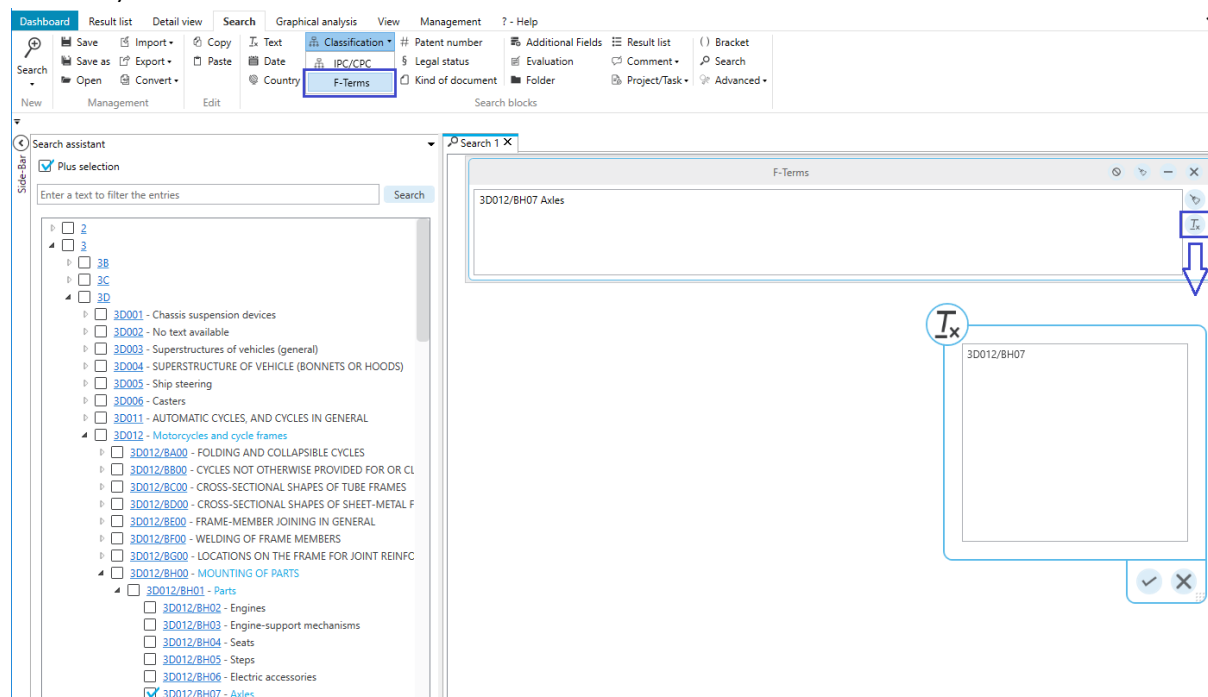
(F) B60B 27/00 E - for agricultural vehicles

(F) B60B 27/00 F - for spoke wheels

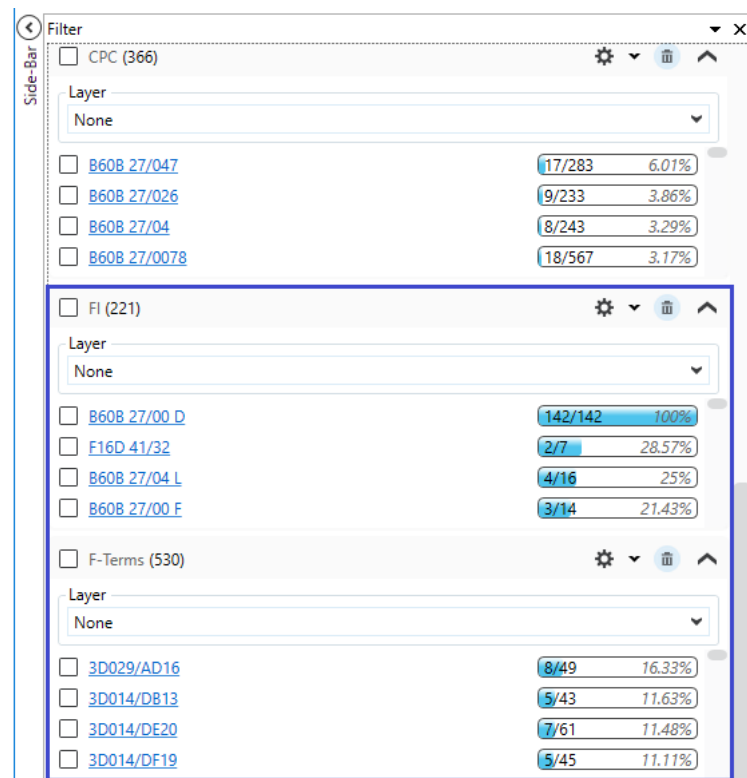
(F) B60B 27/00 G - for disk wheels

There is now an extra search block for the F-term search.

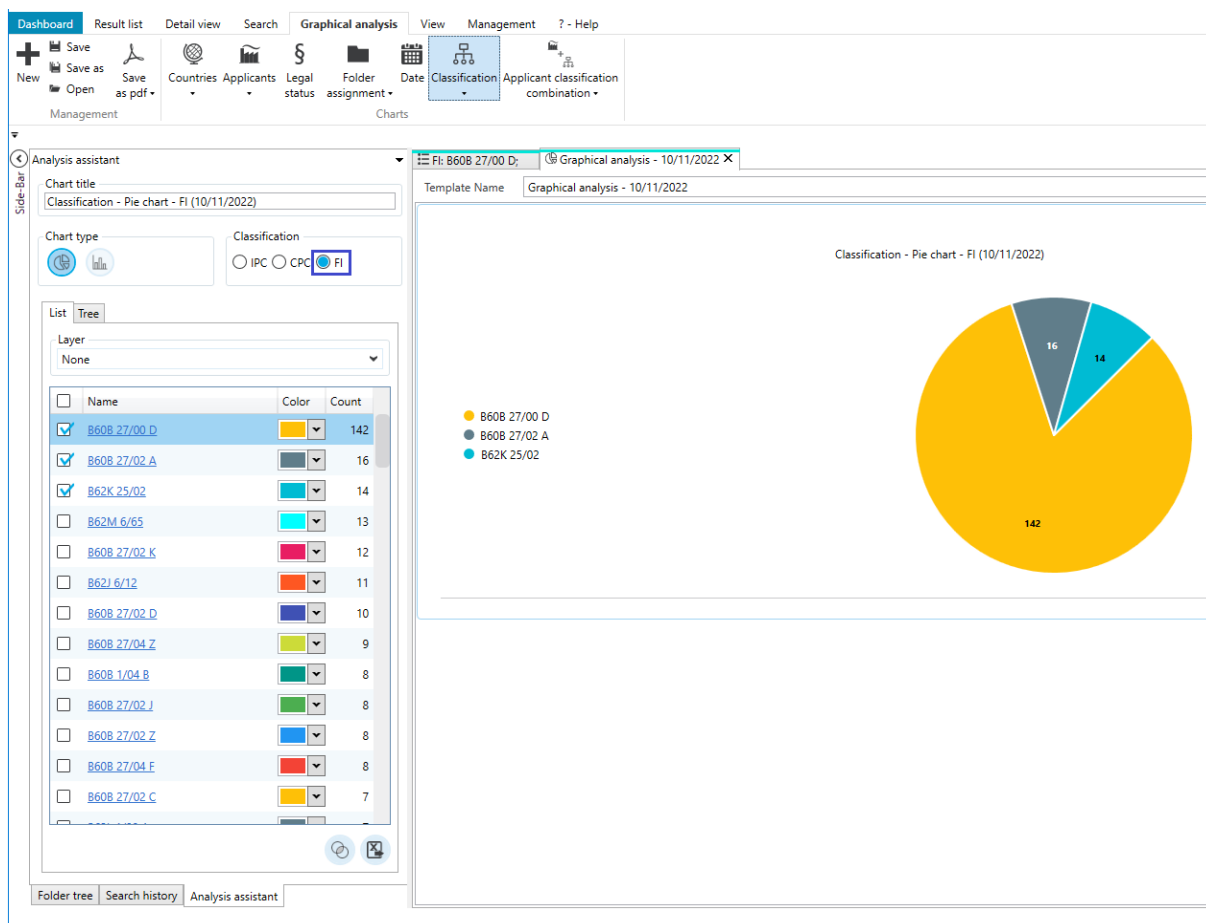
The F-Terms can still be typed or inserted directly or selected from the tree structure (search assistant).



In addition, the new classes are now also available in the filter and Excel export.



The FI classes are also available in the graphical analyses (classification).



Improvements

- There is now a log function for the automatic searches. This makes it possible to quickly check when a search was carried out and how many hits were found in each case.

Automatic searches X

Automatic searches

☐ Show own automatic searches only

Enter a text to filter the entries

	Name	Last modification date	User
<input checked="" type="checkbox"/>	DbCheck_A	16/08/2022	nothen
<input checked="" type="checkbox"/>	DbCheck_C	16/05/2018	nothen
<input checked="" type="checkbox"/>	DbCheck_D	16/05/2018	nothen
<input checked="" type="checkbox"/>	DbCheck_T	16/05/2018	nothen
<input checked="" type="checkbox"/>	DbCheck_US_C	09/08/2022	nothen
<input checked="" type="checkbox"/>	DbCheck_US_D	09/08/2022	nothen

Automatic search

Show log

Activate☒

NameDbCheck_T

Send e-mail report☒

Execution intervalAfter update

SearchDbCheck_T (16/05/2018 09:44:58)

FolderBicycle Company/AutoSearchTest DbCheck/01_Title

Exclusion list ?

Start date14/05/2018

Created at19/11/2019 07:19:23Recreate exclusion list

Last modified07/11/2022 22:16:52

Count (Document)177,208

☐ Recreate exclusion list

DbCheck_T X

Execution date	Number of hits	Folder	Assigned
07/11/2022	550	Bicycle Company/AutoSearchTest DbCheck/01_Title	550
31/10/2022	92	Bicycle Company/AutoSearchTest DbCheck/01_Title	92
23/10/2022	71	Bicycle Company/AutoSearchTest DbCheck/01_Title	71
16/10/2022	120	Bicycle Company/AutoSearchTest DbCheck/01_Title	120
10/10/2022	166	Bicycle Company/AutoSearchTest DbCheck/01_Title	166
02/10/2022	488	Bicycle Company/AutoSearchTest DbCheck/01_Title	488
25/09/2022	75	Bicycle Company/AutoSearchTest DbCheck/01_Title	75
18/09/2022	84	Bicycle Company/AutoSearchTest DbCheck/01_Title	84
11/09/2022	346	Bicycle Company/AutoSearchTest DbCheck/01_Title	346
04/09/2022	338	Bicycle Company/AutoSearchTest DbCheck/01_Title	338
28/08/2022	69	Bicycle Company/AutoSearchTest DbCheck/01_Title	69
21/08/2022	57	Bicycle Company/AutoSearchTest DbCheck/01_Title	57
14/08/2022	105	Bicycle Company/AutoSearchTest DbCheck/01_Title	105
07/08/2022	166	Bicycle Company/AutoSearchTest DbCheck/01_Title	166
31/07/2022	624	Bicycle Company/AutoSearchTest DbCheck/01_Title	624
24/07/2022	63	Bicycle Company/AutoSearchTest DbCheck/01_Title	63
17/07/2022	1,515	Bicycle Company/AutoSearchTest DbCheck/01_Title	1,515

In future, the last 20 results or result lists will always be saved and can then be opened by clicking on the number.

DbCheck_T X			
Execution date	Number of hits	Folder	Assigned
07/11/2022	550	Bicycle Company/AutoSearchTest DbCheck/01_Title	550

- In the detailed view, the basis for the applicants, inventors and citations can now be selected. Thus, for example, the citations of the current document can be displayed or the citations of the entire patent family.

★★★★ JP 2004142739 A PDF (21/10/2003, 20/05/2004, Not available, 19/05/2006) SHIMANO INC HARA NOBUYOSHI

BICYCLE HUB AXLE ASSEMBLY

Biblio. info. X Abstract / Claims Description Document links Additional Fields Evaluation history Folder assignment history

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Published: 20/05/2004 JP 2004142739 A 21/10/2003 JP 2003360107 A

Applicant Org 1D SHIMANO INC Inventors 3D HARA NOBUYOSHI JIYAHANA SATOSHI ...

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CPC 6D B60B 27/0005 B60B 27/0078 B60B 27/023 B60B 27/047 B62K 25/02 ...

FI 3D B60B 27/00 D B62K 19/30 B62M 11/16 G

F-Terms 2D 3D012/BH07 3D212/BH07

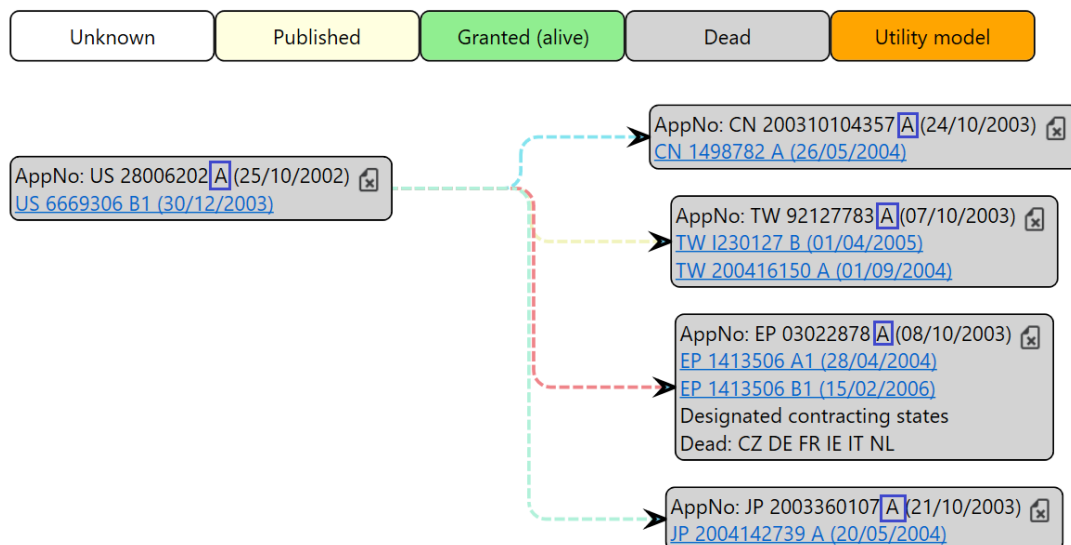
Fwd. Cit. 53S APP: 18 PRS: 11 SEA: 28 EXA: 4

Bck.Cit. 14S APP: 3 SEA: 11

Extended family 0D 14S 14E B545 T2 - Nebenachseineinheit für ein Fahrrad

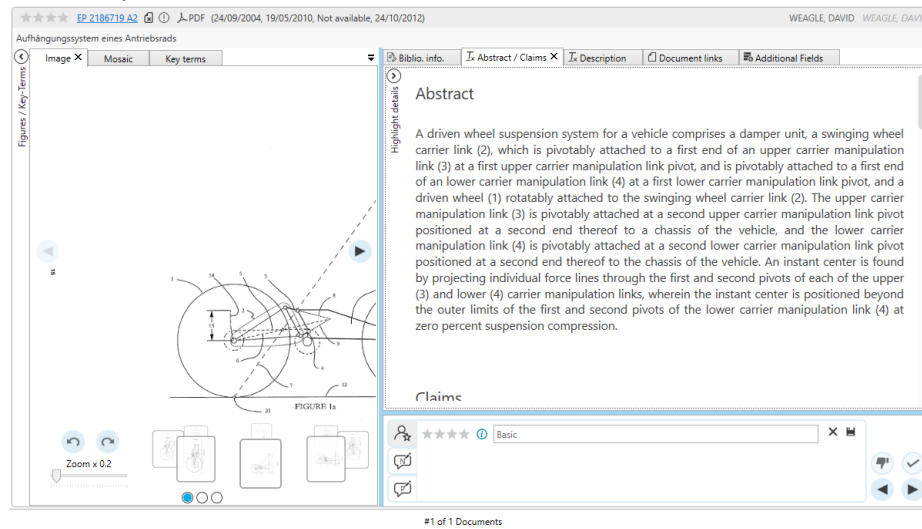
Strict families: 1 Applications: 6 Documents: 9

- The family chart now also shows the KD of the application number.

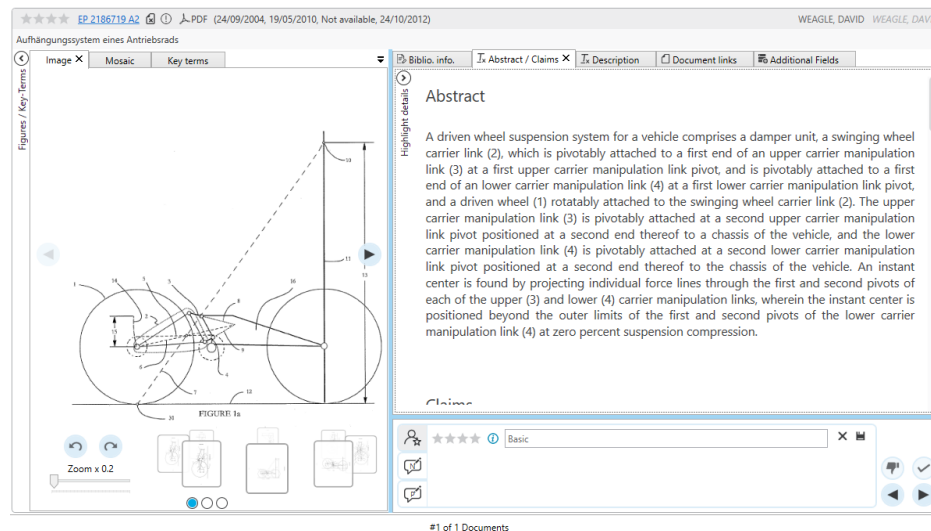


- The images in the detail view are now displayed centered.

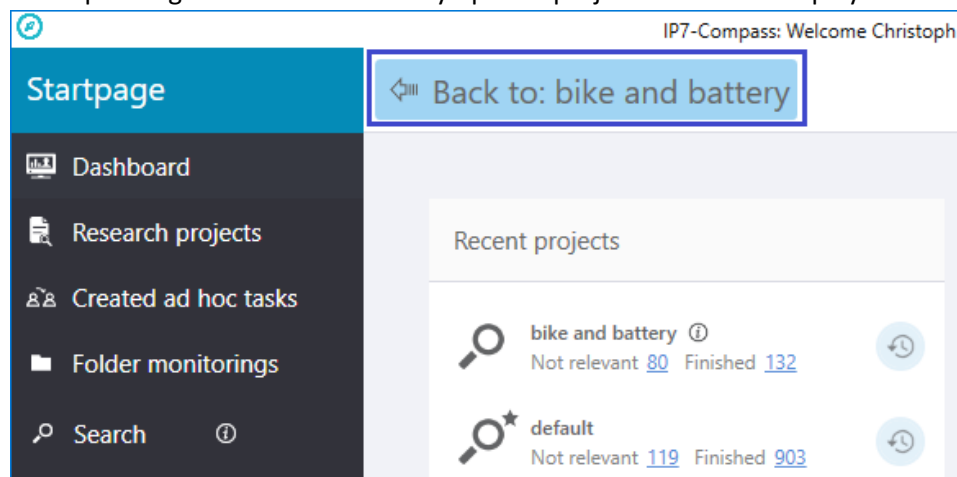
Previously:



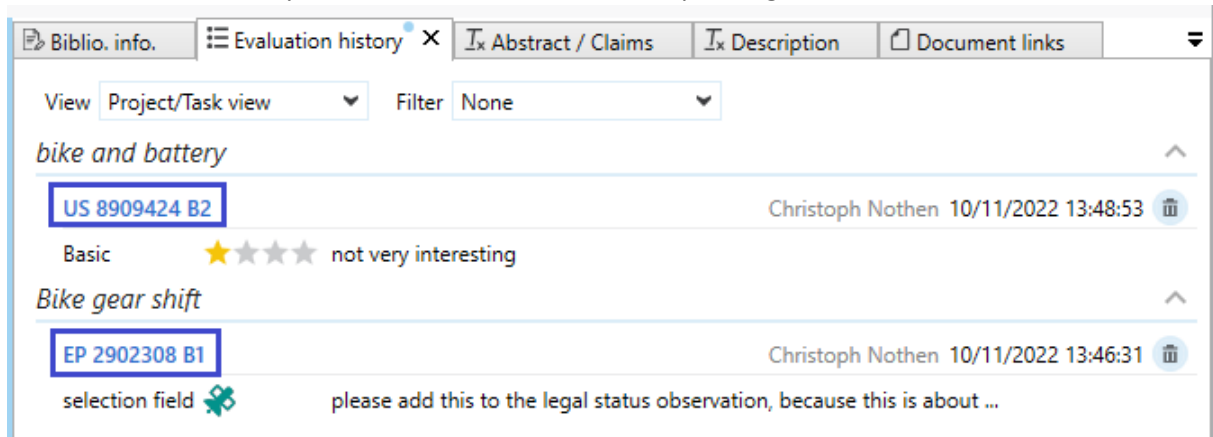
Now:



- In the Dashboard, the "Previous Page" button has been renamed. Now "Back to:" and the corresponding name of the currently opened project or task are displayed.



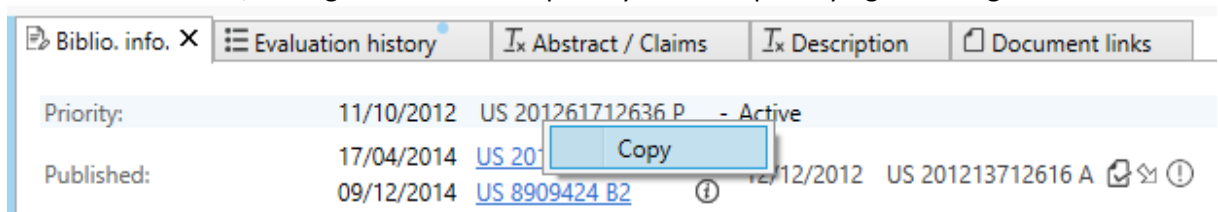
- The maximum zoom factor for the images in the detail view has been increased from 1.5 to 4.
- In the Excel export, the time of creation and the user (author) are now also exported for project and network comments.
- In the evaluation history there is now a link to the corresponding detail view.



The screenshot shows the 'Biblio. info.' tab with the 'Evaluation history' sub-tab selected. It displays two entries:

- bike and battery**: US 8909424 B2, Christoph Nothen, 10/11/2022 13:48:53. Basic evaluation: ★☆☆☆ not very interesting.
- Bike gear shift**: EP 2902308 B1, Christoph Nothen, 10/11/2022 13:46:31. Comment: selection field please add this to the legal status observation, because this is about ...

- In the detailed view, the login number of the priority can be copied by right-clicking.

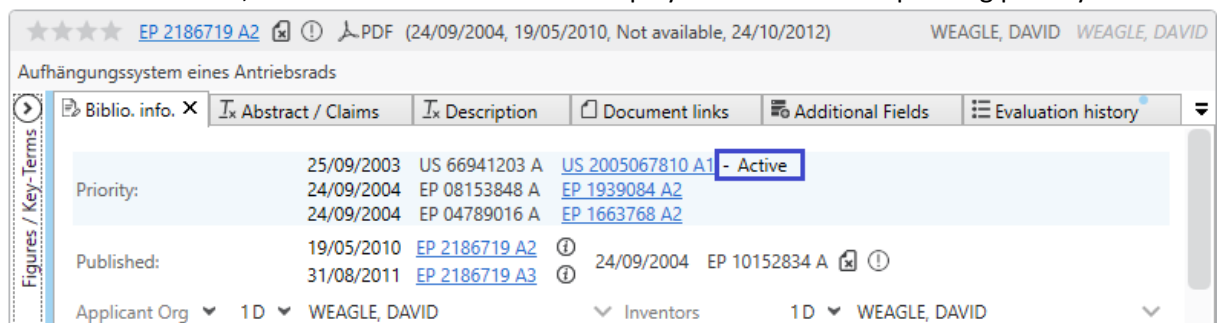


The screenshot shows the 'Biblio. info.' tab with the 'Evaluation history' sub-tab selected. It displays a table with priority information:

Priority:	11/10/2012	US 201261712636 P	- Active
Published:	17/04/2014	US 201213712616 A	
	09/12/2014	US 8909424 B2	

A 'Copy' button is shown over the priority number 'US 201261712636 P'.

- Missing tool tips have been added to some buttons on the start page. (Management of Projects, Ad Hoc Tasks and Folder Monitorings).
- If an existing classification search is opened, the classes are immediately displayed in the class tree (search assistant). It is no longer necessary to click on "Apply".
- In the detailed view, the addition "Active" is now displayed with the corresponding priority.



The screenshot shows the 'Biblio. info.' tab with the 'Evaluation history' sub-tab selected. It displays a detailed view of a patent entry:

★★★★★ [EP 2186719 A2](#) PDF (24/09/2004, 19/05/2010, Not available, 24/10/2012) WEAGLE, DAVID WEAGLE, DAVID

Aufhängungssystem eines Antriebsrads

Priority: 25/09/2003 US 66941203 A [US 2005067810 A1](#) - Active

Published: 24/09/2004 EP 08153848 A [EP 1939084 A2](#)

24/09/2004 EP 04789016 A [EP 1663768 A2](#)

19/05/2010 [EP 2186719 A2](#) ① 24/09/2004 EP 10152834 A ①

31/08/2011 [EP 2186719 A3](#) ①

Applicant Org 1D WEAGLE, DAVID Inventors 1D WEAGLE, DAVID

More information on this from the DOCDB documentation of the European Office:

Active Indicator

For reasons of family building - for internal business purposes only - the active indicator has been introduced in DOCDB. DOCDB follows the concept of building simple patent families, a concept that groups publications of the similar technical content together on the basis of identical priority pictures.

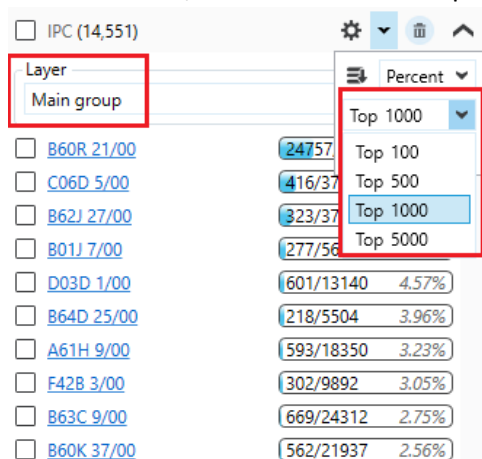
- o **Y** indicates that this priority is "active" and has been included in the priority picture that defines the DOCDB simple patent family
- o **N** indicates that this priority is "not active" and has **not** been included

Documents that have the same priority picture, that claim exactly the same active priorities, are members of the EPO simple patent family

<https://www.epo.org/searching-for-patents/data/bulk-data-sets/manuals.html>
 „DOCDB User Documentation v. 2.5.8.2“

Bugs fixed

- In the filter IPC/CPC the selection "Top ..." did not work if the layer setting was also changed.



- It could happen that no search blocks were displayed for selection in the menu when starting a new search.

