

## Changes Version 20.4.0

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## News

### Old IPC classes

Up to now, our database always contained the latest IPC classes and old IPC classes from revision 2017 onwards.

We have now included all old IPC classes from 2006 onwards in our database. These obsolete classes are displayed as crossed out in the class tree of the search assistant. Please do not use obsolete IPC classes for monitoring profiles or when searching for new patents, as these old classes are no longer used.

The search for old IPC classes is only helpful when searching for older patents that have not (yet) been reclassified by the newer IPC classes.

### CLI – Search – new search options

In our CLI search the following search options have been added:

- Search for folders
- Search for group comments
- Search for additional fields

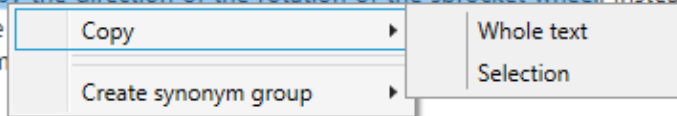
In one of the next software updates the search for evaluations will follow.

## Improvements

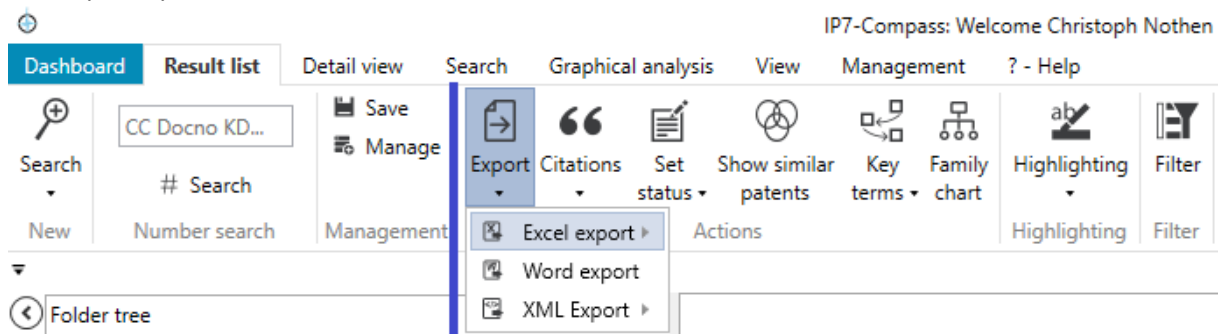
- In the result list or detail view, the entire text or a selection can now be copied with a right click.

### Abstract

A cable operated rear bicycle brake mounted with a sprocket wheel wherein a ratchet and pawl mechanism is provided between a hub barrel and the sprocket wheel, the rotation of the hub barrel being effected by the direction of the rotation of the sprocket wheel. Instead of an internal shoe brake mechanism, the



- The export options have been combined into one menu item.



- In the detail view the figures and key terms can be shown or hidden with one click

US 10502274 B2 (17/10/2017, 19/04/2018, 10/12/2019)

Bleeding valve, a hydraulic fitting and a venting assembly for a bicycle hydraulic braking system

Image X Mosaic Key terms

U.S. Patent Dec. 10, 2019 Sheet 1 of 5 US 10,502,274 B2

Zoom x 0.5

Figures / Key terms

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

Priority: 17/10/2016 [IT 201600103768 A1](#)

Filed: 17/10/2017 US 201715785648

Published: 19/04/2018 [US 2018106312 A1](#) From 15-03-2001 onwards Patent application publication  
10/12/2019 [US 10502274 B2](#) Patent, before 01-03-2001 reexamination

Changed owner: CAMPAGNOLO S.R.L., ITALY

Applicant: CAMPAGNOLO S.r.l. Inventor: Meggiolan, Mario

IPC: [B60T 11/30](#) [B60T 17/22](#) CPC: [B60T 11/30](#) [B60T 17/22](#)

Bck. Cit. APP.: 15 SEA.: 22

Extended family: Strict families: 1 Applications: 6 Documents: 7

Patent number	Published	Filed	Application number	Legal status
<a href="#">CN 107956823 A</a>	24/04/2018	17/10/2017	201710964142	
<a href="#">EP 3309028 A1</a>	18/04/2018	11/10/2017	17195844	
<a href="#">IT 201600103768 A1</a>	17/04/2018	17/10/2016	201600103768	
<a href="#">JP 2018086998 A</a>	07/06/2018	13/10/2017	2017199249	

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Bleeding valve, a hydraulic fitting and a venting assembly for a bicycle hydraulic braking system

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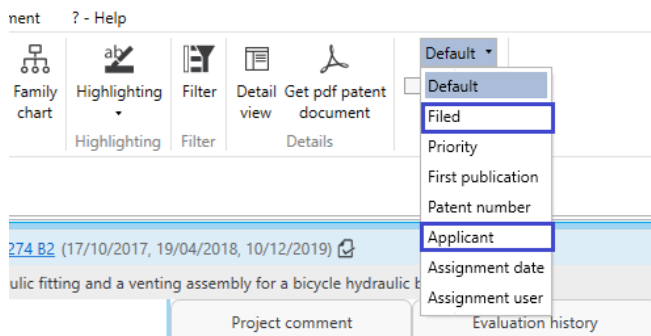
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<a href="#">JP 2018086998 A</a>	07/06/2018	13/10/2017	2017199249	

- The result list can now be sorted by filed date and applicant name.



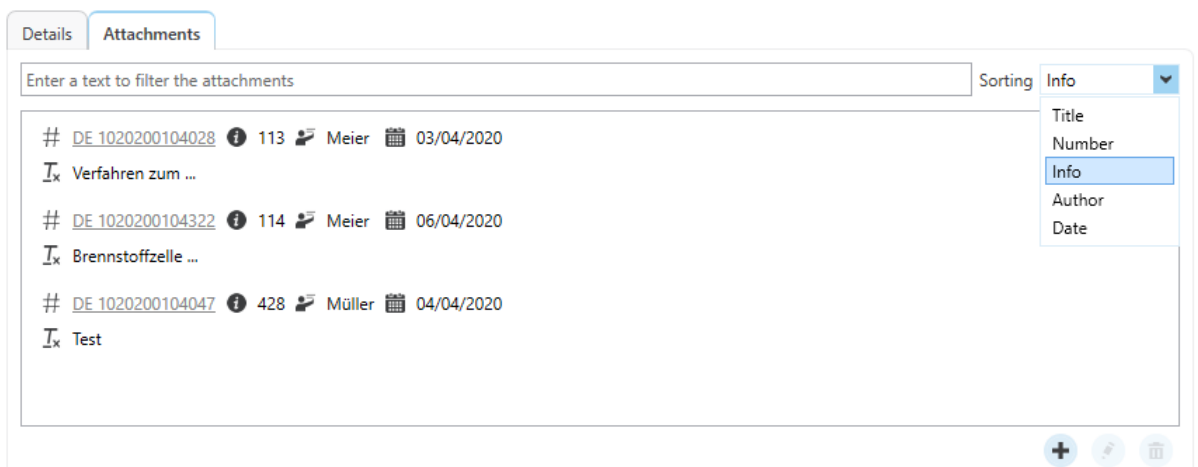
- An additional "Info" field can now be filled for the attachments folder (type "Document").

The screenshot displays a form for adding an attachment. At the top left, there is a paperclip icon. The form contains the following fields:
 

- 'Attachment type' dropdown menu, currently set to 'Document'.
- '# Number' text input field.
- 'Info' text input field, highlighted with a blue rectangular box.
- 'Author' text input field.
- 'Date' date picker, showing 'Select a date' and '15'.
- 'Title' text input field.
- 'Link' text input field with a small blue icon to its right.
- 'Abstract' text input field.
- 'Text' text input field.

 In the bottom right corner, there are two circular buttons: a checkmark and an 'X' (cancel).

Filters and sorting options are also available:



The screenshot shows the 'Attachments' tab of a software interface. At the top, there are two tabs: 'Details' and 'Attachments'. Below the tabs is a search bar with the placeholder text 'Enter a text to filter the attachments'. To the right of the search bar is a 'Sorting' dropdown menu currently set to 'Info'. The dropdown menu is open, showing options: 'Title', 'Number', 'Info' (highlighted), 'Author', and 'Date'. Below the search bar is a list of three attachments. Each attachment entry consists of a hash symbol, a unique ID, an information icon, a number, a user icon, a name, a calendar icon, and a date. Below each entry is a document icon and a truncated title. At the bottom right of the attachment list, there are three circular icons: a plus sign, a refresh icon, and a trash can icon.

ID	Info	Count	Author	Date	Title
# DE 1020200104028	113	Meier	03/04/2020	Verfahren zum ...	
# DE 1020200104322	114	Meier	06/04/2020	Brennstoffzelle ...	
# DE 1020200104047	428	Müller	04/04/2020	Test	

## Bug fixes

- A problem with the PDF export of graphical analyses with line charts was fixed
- Duplicates can no longer be created. Assigned names must be unique. This concerns:
  - o Research projects
  - o Ad Hoc Tasks
  - o Saved searches
  - o Folder (within the same level)
  - o Manual applicant groups
  - o Saved result lists