



CPC Implementation in ROSPATENT and delivery of the CPC data

*Seventh Cooperative Patent Classification (CPC)
Annual Meeting with National Offices
18 February 2020 WIPO*

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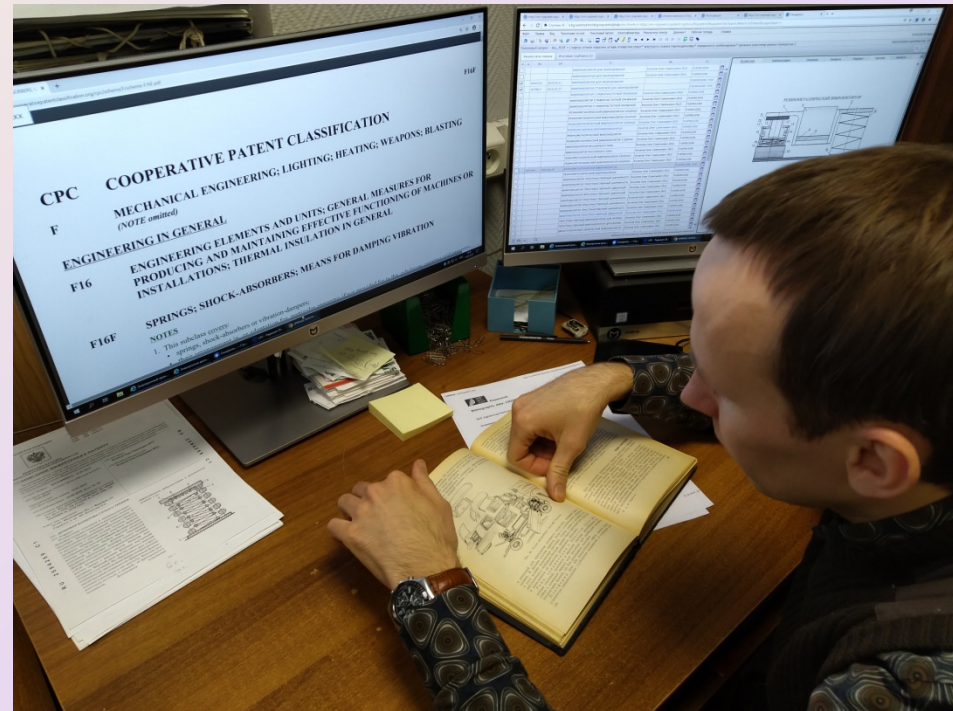
FEDERAL INSTITUTE OF INDUSTRIAL PROPERTY, ROSPATENT





CPC implementation

- Since 2016 examiners in Federal Institute of Industrial Property classify under CPC all current national patent documents (with the exception of PCT)



- We use all technical fields for classifying under CPC



Benefits and challenges of CPC implementation



+ Using both IPC and CPC once again paid attention of our examiners to the importance of classification process, especially for search

! Electronic document management system for PCT applications does not allow put the CPC indexes and check the validity of CPC version



Mistakes

Number of mistakes in the CPC classification of Russian documents decreased in comparison with previous year





Our inner software

We have integrated CPC in our inner software:

- intranet search patent system PatSearch
- electronic document management system *for patent applications (in part of validity checking)*





Our electronic document management system provides control of entered CPC symbols according to actual CPC version

Классифицирование - Internet Explorer

Сохранить изменения Закрыть

Классифицирование по индексам CPC

Найти по словарю

Сбросить

Раздел	Класс	Подкласс	Основная группа	Подгруппа	Значение классификации
<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	I
					Первоначальные данные
					B
					Источник данных
					H

Условный номер группы C-Set

Добавить/изменить индекс Поставить ранее Поставить позже

Основной и последующие индексы CPC
B60G 11/08 (2020.02)I

Группы C-Set

100%

News

1 February 2020

- The 2020.02 version of the CPC scheme is now in force.
- The list of technical areas where Combination Sets are authorised for classification has been updated.



In electronic document management system

CPC validation is checked

Классифицирование по индексам CPC

Раздел	Класс	Подкласс	Основная группа	Подгруппа	Значение классификации
<input type="text" value="B"/>	<input type="text" value="23"/>	<input type="text" value="D"/>	<input type="text" value="78"/>	<input type="text" value="65876"/>	<input type="text" value="I"/>

Ошибка ввода Ошибка ввода Ошибка ввода

Сообщение с веб-страницы

Индекс B23D78/65876 отсутствует в справочнике актуальной версии СПК

Первоначальные или реклассифицированные данные:

Источник классификационных данных:

C-Set:

Основной и последующие индексы CPC
B60G 11/08 (2020.02)I

Группы C-Set



CPC is integrated into intranet search patent system PatSearch

The screenshot displays the PatSearch intranet interface. On the left, a tree view shows the Classification Index (Классификационный индекс) with the F16F class selected. The main content area shows the search results for the classification F16F (390841). The title is "Классификационный индекс: F16F (390841 вхождение(я))". The header "Заголовок" (Title) is circled in red and reads "SPRINGS; SHOCK-ABSORBERS; MEANS FOR DAMPING VIBRATION [2018-08-01]". Below the title, the "Сводный заголовок" (Summary title) is "SPRINGS; SHOCK-ABSORBERS; MEANS FOR DAMPING VIBRATION". The "Warnings" section contains two items: 1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F16F3/07 covered by F16F13/00, F16F9/24 covered by F16F9/22, F16F9/40 covered by F16F9/00 - F16F9/50, F16F9/508 covered by F16F9/512, F16F11/00 covered by F16F7/00, F16F9/00, F16F15/00, F16F13/12 covered by F16F13/08. 2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme. The "Notes" section contains two items: 1. This subclass covers: o springs, shock-absorbers or vibration-dampers; o their arrangement in, or adaptation for, particular apparatus if not provided for in the subclasses covering said apparatus. 2. This subclass does not cover inventions concerning the arrangement or adaptation of springs, shock-absorbers or vibration-dampers in, or for, particular apparatus, if provided for in the subclasses concerning the said apparatus, e.g. A47C23/00 - A47C27/00 Spring mattresses, A61F2/00 Prostheses, A63C5/075 Vibration dampers in skis, B60G Vehicle suspensions, B60R19/24 Mounting of bumpers on vehicles, B61F Rail vehicle suspensions, B61G11/00 Buffers for railway or tramway vehicles, B62D21/15 Vehicle chassis frames having impact absorbing means, B62J1/02 Resiliently mounted saddles on cycles, B62K21/08 Steering dampers, B63H21/30 Anti-vibration mounting of marine propulsion plant in ships, B64C25/58 Arrangement of shock-absorbers or springs in aeroplane landing gear, B65D81/02 Containers, packing elements or packages with shock-absorbing means, D06F37/20 Resilient mountings in washing machines, D06F49/06 Resilient mountings in domestic spin-dryers, E04B1/98 Protection of buildings against vibrations or shocks.



Plans about translation of CPC

Rospatent plans to translate CPC into Russian. Use of the Russian language version of the CPC will contribute to improving the quality of examination, and also it will be useful for the entire Eurasian region. For the translation we would like to use the resources already available, for example, a machine translation tool *WIPO Translate*, which will greatly simplify the implementation of this initiative.



Training



We provide:

- training in CPC for newcomers
 - general information about CPC structure, scheme and components
 - practical training with examples for specific technical fields
- consultations in CPC for examiners
 - to facilitate the process of CPC classifying if they have questions



Training

RU office uses

- CPC website
- Espacenet database



for developing the training material
and preparation our training courses



Quality Assurance Process



- Inner electronic document management system provides control of entered CPC symbols according to actual CPC version
- Newcoming examiners` applications are checked by supervisors



CPC for searching documents

Navigation icons: back, forward, search, share, alert, CPC, calendar, menu, zoom in, zoom out (2000), page number (2000), and page range (F16F13/00).

Classification symbol	Title and description
<input type="checkbox"/> F16F 15/007	•• {Piezo-electric elements being placed under pre-constraint, e.g. placed under compression}
<input type="checkbox"/> F16F 15/02	• Suppression of vibrations of non-rotating, e.g. reciprocating systems; Suppression of vibrations of rotating systems by use of members not moving with the rotating systems ({F16F 15/005 takes precedence}); layered products B32B; suppression of vibration in ships B63; {relieving load on bearings, using magnetic means F16C 39/06}
<input type="checkbox"/> F16F 15/021	•• {Decoupling of vibrations by means of point-of-contact supports, e.g. ball bearings}
<input type="checkbox"/> F16F 15/022	•• {using dampers and springs in combination}
<input type="checkbox"/> F16F 15/023	•• using fluid means
<input checked="" type="checkbox"/> F16F 15/0232	••• {with at least one gas spring} (F16F 15/027 takes precedence)
<input type="checkbox"/> F16F 15/0235	••• {where a rotating member is in contact with fluid} (rotary viscous dampers per vibrations in rotating systems containing a fluid F16F 15/16)

Search dialog box: F16F15/0232/low, Clear, Find patents

Our examiners use CPC system for searching documents either in PatSearch or in Espacenet database

- Relevant documents
- Reduction of volume response (screening of irrelevant documents)
- Great help in searching in some cases



CPC data exchange

34008 RU patents
8848 RU utility models
were classified in CPC in 2019



RU office exchanges CPC data with EPO



RU document with CPC

Patent search

My Espacenet Help Classification search Results Advanced search Filters Popup tips

Home > Results > RU2710961C1

☆ **RU2710961C1** METHOD OF GENERATING DETAILED RADAR IMAGES IN A RADAR STATION WITH SYNTHESIZED ANTENNA APERTURE FRAME

[Bibliographic data](#) [Description](#) [Claims](#) [Drawings](#) [Original document](#) [Citations](#) [Legal events](#) [Patent family](#)

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Classifications	
IPC	G01S13/90;
CPC	G01S13/89 (RU); G01S13/90 (RU); G01S7/292 (RU); G01S7/36 (RU); G01S7/41 (RU); G01S7/415 (RU);
Priorities	RU2018140351A 2018-11-15
Application	RU2018140351A 2018-11-15
Publication	RU2710961C1 2020-01-14
Published as	RU2710961C1

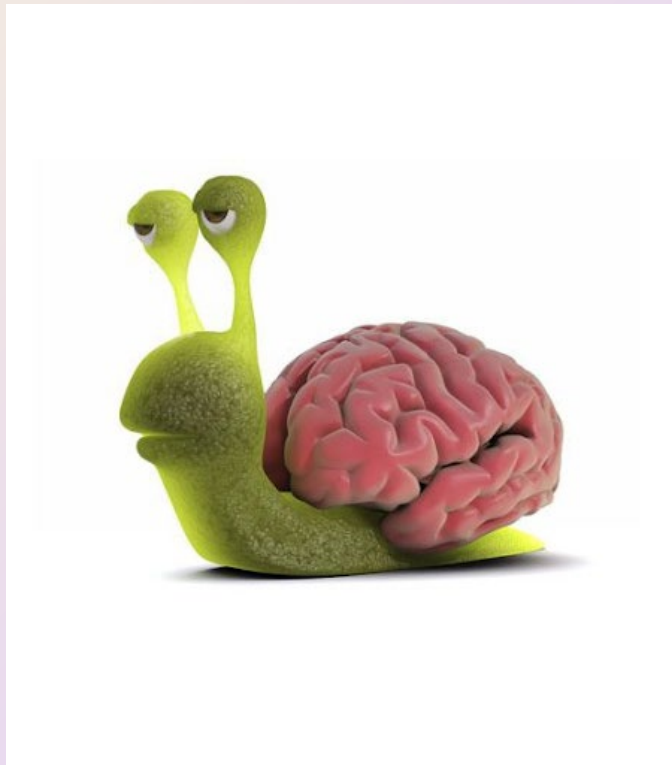
RU 2710 961 C1

Φur. 1



Backfile

We have not started CPC reclassification of our patent documents yet





Thank you for attention!

