

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 555

DATE: AUGUST 1, 2018

PROJECT MP0194

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	F01N	9/00
	F02D	41/00
DEFINITIONS:		
Definitions Modified:	F01N	9/00
	F02D	subclass
	F02D	41/00
	F02D	43/00

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

CPC NOTICE OF CHANGES 555

DATE: AUGUST 1, 2018

PROJECT MP0194

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS – F01N 9/00 – EXHAUST APPARATUS FOR MACHINES OR ENGINES IN GENERAL

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F01N 9/00	0	Electrical control of exhaust gas treating apparatus (monitoring or diagnostic devices for exhaust-gas treatment apparatus F01N 11/00; conjoint electrical control of two or more combustion engine functions F02D 43/00)	

SUBCLASS – F02D – CONTROLLING COMBUSTION ENGINES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F02D 41/00	0	Electrical control of supply of combustible mixture or its constituents (F02D 43/00 takes precedence {; control of engine starters F02N 11/08, electrical control of engine ignition timing F02P 5/145})	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except “D” which requires only a symbol.

CPC NOTICE OF CHANGES 555

DATE: AUGUST 1, 2018

PROJECT MP0194

- #“Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

DATE: AUGUST 1, 2018

PROJECT MP0194

2. A. DEFINITIONS (modified)

F01N 9/00

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Delete: The symbol [F01N 9/00](#) in the following table row:

When control is the main issue as well for the regeneration of a particulate filter	F01N 9/00 , F01N 3/0871 , F01N 3/208 , F01N 3/2006 , F01N 3/22
---	--

Insert: The symbol [F01N 3/00](#) in the following table row:

When control is the main issue as well for the regeneration of a particulate filter	F01N 3/0871 , F01N 3/208 , F01N 3/2006 , F01N 3/22
---	---

Replace: The text in the following table row:

Controlling combustion engines conjoint electrical control of two or more combustion engine functions	F02D 43/00
---	----------------------------

with the following text:

Conjoint electrical control of two or more combustion engine functions	F02D 43/00
--	----------------------------

DATE: AUGUST 1, 2018

PROJECT MP0194

F02D**References*****Informative references***

Attention is drawn to the following places, which may be of interest for search:

Insert: The following table rows in the *Informative references* table:

Vehicle fittings, acting on a single sub-unit only, for automatically controlling vehicle speed	B60K 31/00
Conjoint control of vehicle sub-units of different type or different function, road vehicle drive control systems for purposes other than the control of a single sub-unit	B60W
Gas-turbine plants, jet-propulsion plants	F02C
Cyclically operating valves for combustion engines	F01L
Controlling combustion engine lubrication	F01M
Cooling internal combustion engines	F01P
Supplying combustion engines with combustible mixtures or constituents thereof, e.g. carburettors, injection pumps	F02M
Starting of combustion engines	F02N
Controlling of ignition	F02P

DATE: AUGUST 1, 2018

PROJECT MP0194

F02D 41/00

References

Limiting references

This place does not cover:

Insert: The following table row in the *Limiting references* table:

Conjoint electrical control in which the control of air amount follows the control of fuel amount	F02D 43/00
---	------------

Special rules of classification

Delete: The following paragraph in the *Special rules of classification*:

Main group F02D41/00 is not used. Use F02D41/3005 instead.

Insert: The following paragraph in the *Special rules of classification*:

No classification at main group level F02D 41/00. Use residual sub-group F02D 41/3005 instead.

DATE: AUGUST 1, 2018

PROJECT MP0194

F02D 43/00

References

Limiting references

Delete: The entire *Limiting references* section.

Insert: A new *Informative references* section and table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Electrical control of exhaust gas treating apparatus per se	F01N 9/00
---	-----------

Special rules of classification

Delete: The following paragraph in the *Special rules of classification*.

Used only for documents controlling the air amount after fuel amount. control of several parameters should be classified in right individual groups under [F02D 41/00](#).

Insert: The following new paragraph in the *Special rules of classification*.

This group covers only conjoint electrical control in which the control of air amount follows the control of fuel amount. Any other conjoint electrical control is not to be classified in [F02D 43/00](#) and its subgroups but in the respective subgroups of [F02D 41/00](#). For example, conjoint control of intake air and fuel injection, where the air control does not follow the fuel control, is covered by groups [F02D 41/0002](#) and [F02D 41/30](#) or their respective sub-groups.