

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 553

DATE: AUGUST 1, 2018

PROJECT MP0188

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:	F04D	Subclass
	F04D	29/32
	F04D	29/322
	F04D	29/324
DEFINITIONS:		
Definitions Modified:	F04D	Subclass
Definitions New:	F04D	29/32
	F04D	29/322
	F04D	29/324

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)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS F04D – NON-POSITIVE-DISPLACEMENT PUMPS (engine fuel-injection pumps F02M; ion pumps H01J 41/12; electrodynamic pumps H02K 44/02

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to[#]</u>
M	F04D	0	Non-positive-displacement pumps (engine fuel-injection pumps F02M; ion pumps H01J 41/12; electrodynamic pumps H02K 44/02)	
M	F04D 29/32	2	for axial flow pumps	
M	F04D 29/322	4	{Blade mountings}	
M	F04D 29/324	4	{Blades}	

*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.
- #“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”.

2. A. DEFINITIONS (new)

Insert the following new definitions.

F04D 29/32

References

Informative references

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

Blades for multistage rotors of machines or engines	F01D 5/00
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F04D 29/322

References

Informative references

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

Fixing blades to rotors; Blade roots	F01D 5/30
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F04D 29/324

References

Informative references

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

Selecting composite materials, e.g. blades with reinforcing filaments	F01D 5/282
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
F04D	Limiting references	Non positive displacement machines or engines F01D	Delete: The following existing row from the <i>Limiting references</i> section: Non positive displacement machines or engines F01D
F04D	Informative references		Insert: The following new row in the <i>Informative references</i> section: Non positive displacement machines or engines F01D
F04D	Limiting references	Machines or engines for liquids F03B	Delete: The following existing row from the <i>Limiting references</i> section: Machines or engines for liquids F03B
F04D	Informative references		Insert: The following new row in the <i>Informative references</i> section: Machines or engines for liquids F03B
F04D	Limiting references	Wind motors F03D	Delete: The following existing row from the <i>Limiting references</i> section: Wind motors F03D
F04D	Informative references		Insert: The following new row in the <i>Informative references</i> section: Wind motors F03D
F04D	Limiting references	Combinations of non-positive displacement pumps with other pumps; Positive displacement machines for fluids; Pumps F04B	Delete: The following existing row from the <i>Limiting references</i> section: Combinations of non-positive displacement pumps with other pumps; Positive displacement machines for fluids; Pumps F04B

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
F04D	Informative references		Insert: The following new row in the <i>Informative references</i> section: Combinations of non-positive displacement pumps with other pumps; Positive displacement machines for fluids; Pumps F04B
F04D	Limiting references	Rotary-piston, or oscillating piston, positive displacement machines for fluids F04C	Delete: The following existing row from the <i>Limiting references</i> section: Rotary-piston, or oscillating piston, positive displacement machines for fluids F04C
F04D	Informative references		Insert: The following new row in the <i>Informative references</i> section: Rotary-piston, or oscillating piston, positive displacement machines for fluids F04C
F04D	Limiting references	Aeroplane propellers B64C11/00	Delete: The following existing row from the <i>Limiting references</i> section: Aeroplane propellers B64C 11/00
F04D	Application-oriented references		Insert: A new <i>Application-oriented references</i> section as follows: Application-oriented references <i>Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:</i> Aeroplane propellers B64C 11/00

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
F04D	Limiting references		<p>Insert: The following three new rows in the <i>Limiting references</i> section:</p> <p>Engine fuel-injection pumps F02M</p> <p>Ion pumps H01J 41/12</p> <p>Electrodynamic pumps H02K 44/02</p>

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.