

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1272

DATE: FEBRUARY 1, 2022

PROJECT RP0610-F

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Warnings Deleted:	F04B	1/00, 1/03, 1/06, 1/063, 1/066, 1/07, 1/08, 1/10, 1/107, 1/1071, 1/1072, 1/1074, 1/113, 1/20, 1/2007, 1/2014, 1/2092, 1/22, 1/30, 1/328
	F04B	23/10, 23/103, 23/106, 23/12, 23/14
	F04B	43/02, 43/14
	F04B	45/04, 45/06, 45/061, 45/065, 45/067, 45/073, 45/08, 45/085, 45/10
	F04B	49/12, 49/18

**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

B. New, Modified or Deleted Warning(s)

**SUBCLASS: F04B - POSITIVE-DISPLACEMENT MACHINES FOR LIQUIDS; PUMPS**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F04B 1/00	Group F04B 1/00 is impacted by reclassification into group F04B 1/03. Groups F04B 1/00 and F04B 1/03 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/03	Group F04B 1/03 is incomplete pending reclassification of documents from group F04B 1/00. Groups F04B 1/00 and F04B 1/03 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/06	Group F04B 1/06 is incomplete pending reclassification of documents from groups F04B 49/12-F04B 49/14, and F04B 49/18. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/063	Group F04B 1/063 is incomplete pending reclassification of documents from groups F04B 49/12- F04B 49/14, and F04B 49/18. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/066	Group F04B 1/066 is incomplete pending reclassification of documents from groups F04B 49/12- F04B 49/14, and F04B 49/18. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/07	Group F04B 1/07 is incomplete pending reclassification of documents from groups F04B 49/12- F04B 49/14, and F04B 49/18. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/08	Group F04B 1/08 is incomplete pending reclassification of documents from groups F04B 49/12- F04B 49/14, and F04B 49/18. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/10	Group F04B 1/10 is incomplete pending reclassification of documents from groups	<u>Delete:</u> the entire existing Warning.

CPC NOTICE OF CHANGES 1272

DATE: FEBRUARY 1, 2022

PROJECT RP0610-F

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		F04B 1/20- F04B 1/24. All groups listed in this Warning should be considered in order to perform a complete search.	
D	F04B 1/107	Group F04B 1/107 is incomplete pending reclassification of documents from groups F04B 1/20, F04B 1/2007, F04B 1/2014, F04B 1/2021, F04B 1/2028, F04B 1/2035, F04B 1/2042, F04B 1/205, F04B 1/2057, F04B 1/2064, F04B 1/2071, F04B 1/2078, F04B 1/2085, F04B 1/2092, F04B 1/22, and F04B 1/24. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B1/1071	Group F04B 1/1071 is incomplete pending reclassification of documents from groups F04B 1/20-F04B 1/24. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/1072	Group F04B 1/1072 is incomplete pending reclassification of documents from groups F04B 1/1078, F04B 1/20- F04B 1/24. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/1074	Groups F04B 1/1074-F04B 1/1078 are incomplete pending reclassification of documents from groups F04B 1/20-F04B 1/24. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/113	Groups F04B 1/113-F04B 1/1136 are incomplete pending reclassification of documents from groups F04B 1/20- F04B 1/24. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/20	Group F04B 1/20 is impacted by reclassification into groups F04B 1/10-F04B 1/1136. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/2007	Group F04B 1/2007 is impacted by reclassification into groups F04B 1/10-F04B 1/1136. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/2014	Groups F04B 1/2014-F04B 1/2085 are impacted by reclassification into groups F04B 1/10-F04B 1/1136. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.

CPC NOTICE OF CHANGES 1272

DATE: FEBRUARY 1, 2022

PROJECT RP0610-F

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F04B 1/2092	Group F04B 1/2092 is impacted by reclassification into groups F04B 1/10-F04B 1/1136. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/22	Groups F04B 1/22 and F04B 1/24 are impacted by reclassification into groups F04B 1/10-F04B 1/1136. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/30	Group F04B 1/30 is impacted by reclassification into group F04B 1/328. Groups F04B 1/30 and F04B 1/328 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 1/328	Group F04B 1/328 is incomplete pending reclassification of documents from group F04B 1/30. Groups F04B 1/30 and F04B 1/328 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 23/10	Group F04B 23/10 is impacted by reclassification into groups F04B 23/12 and F04B 23/14. Groups F04B 23/10, F04B 23/12, and F04B 23/14 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 23/103	Group F04B 23/103 is impacted by reclassification into groups F04B 23/12 and F04B 23/14. Groups F04B 23/103, F04B 23/12, and F04B 23/14 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 23/106	Group F04B 23/106 is impacted by reclassification into groups F04B 23/12 and F04B 23/14. Groups F04B 23/106, F04B 23/12, and F04B 23/14 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 23/12	Group F04B 23/12 is incomplete pending reclassification of documents from groups F04B 23/10, F04B 23/103, and F04B 23/106. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 23/14	Group F04B 23/14 is incomplete pending reclassification of documents from groups F04B 23/10, F04B 23/103, and F04B 23/106. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 43/02	Groups F04B 43/02- F04B 43/0736 are impacted by reclassification into group F04B 43/14. All groups listed in this Warning	<u>Delete:</u> the entire existing Warning.

CPC NOTICE OF CHANGES 1272

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PROJECT RP0610-F

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		should be considered in order to perform a complete search.	
D	F04B 43/14	Group F04B 43/14 is incomplete pending reclassification of documents from groups F04B 43/02, F04B 43/021, F04B 43/023, F04B 43/025, F04B 43/026, F04B 43/028, F04B 43/04, F04B 43/043, F04B 43/046, F04B 43/06, F04B 43/067, F04B 43/073, F04B 43/0733, and F04B 43/0736. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/04	Group F04B 45/04- F04B 45/0536 are impacted by reclassification into group F04B 45/10. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/06	Group F04B 45/06 is impacted by reclassification into groups F04B 45/08 and F04B 45/085. Groups F04B 45/06, F04B 45/08, and F04B 45/085 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/061	Groups F04B 45/061-F04B 45/064 are impacted by reclassification into groups F04B 45/08 and F04B 45/085. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/065	Group F04B 45/065 is impacted by reclassification into groups F04B 45/08 and F04B 45/085. Groups F04B 45/065, F04B 45/08, and F04B 45/085 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/067	Group F04B 45/067 is impacted by reclassification into groups F04B 45/08 and F04B 45/085. Groups F04B 45/067, F04B 45/08, and F04B 45/085 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/073	Groups F04B 45/073-F04B 45/0736 are impacted by reclassification into groups F04B 45/08 and F04B 45/085. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/08	Group F04B 45/08 is incomplete pending reclassification of documents from groups F04B 45/06-F04B 45/0736. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 45/085	Group F04B 45/085 is incomplete pending reclassification of documents from groups F04B 45/06-F04B 45/0736. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.

CPC NOTICE OF CHANGES 1272

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PROJECT RP0610-F

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F04B 45/10	Group F04B 45/10 is incomplete pending reclassification of documents from groups F04B 45/04- F04B 45/0536. Groups F04B 45/04- F04B 45/0536 and F04B 45/10 should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 49/12	Groups F04B 49/12-F04B 49/14 are impacted by reclassification into groups F04B 1/06-F04B 1/08. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.
D	F04B 49/18	Group F04B 49/18 is impacted by reclassification into groups F04B 1/06-F04B 1/08. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> the entire existing Warning.

\*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.