

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 651

DATE: FEBRUARY 1, 2019

PROJECT RP0572

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	F24F	2001/0037, 2001/004, 2001/0044, 2001/0048, 2001/0051, 2001/0055, 2001/0062, 2001/0066, 2001/007, 2001/0074, 2001/0077, 2001/0081, 2001/0085, 2001/0088, 2001/0092, 2001/0096, 1/025
Symbols New:	F24F	1/00073, 1/00075, 1/00077, 1/0035, 1/0038, 1/0041, 1/0043, 1/0047, 1/005, 1/0053, 1/0057, 1/0063, 1/0067, 1/0068, 1/0071, 1/0073, 1/0076, 1/008, 1/0083, 1/0087, 1/009, 1/0093, 1/0097, 1/028, 1/0284, 1/0287, 1/029, 1/03, 1/031, 1/0314, 1/0317, 1/032, 1/0323, 1/0325, 1/0326, 1/0328, 1/035, 1/0353, 1/0355, 1/0358, 1/037, 1/0373, 1/0375, 1/0378, 1/039
Titles Changed:	F24F	1/00, 1/0003, 1/0007, 1/0011, 1/0014, 1/0018, 1/0022, 1/0025, 1/0029, 1/0033, 1/0059, 1/01, 1/02, 1/022, 1/027
Indents Changed:	F24F	1/0059
Warnings New:	F24F	1/0007, 1/00073, 1/00075, 1/00077, 1/0035, 1/0038, 1/0041, 1/0043, 1/0047, 1/005, 1/0053, 1/0057, 1/0059, 1/0063, 1/0067, 1/0068, 1/0071, 1/0073, 1/0076, 1/008, 1/0083, 1/0087, 1/009, 1/0093, 1/0097, 1/02, 1/028, 1/0284, 1/0287, 1/029, 1/03, 1/031, 1/0314, 1/0317, 1/032, 1/0323, 1/0325, 1/0326, 1/0328, 1/035, 1/0353, 1/0355, 1/0358, 1/037, 1/0373, 1/0375, 1/0378, 1/039
Notes Modified:	F24F	Subclass
DEFINITIONS:		
Definitions New:	F24F	1/01
Definitions Modified:	F24F	1/00

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): B60H1/3202

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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 F24F - AIR-CONDITIONING; AIR-HUMIDIFICATION; VENTILATION; USE OF AIR CURRENTS FOR SCREENING ---

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	F24F 1/00	0	Room units for air-conditioning, e.g. separate or self-contained units or units receiving primary air from a central station	
M	F24F 1/0003	1	characterised by a split arrangement, wherein parts of the air-conditioning system, e.g. evaporator and condenser, are in separately located units	
C	F24F 1/0007	1	Indoor units, e.g. fan coil units (self-contained units F24F 1/02)	F24F 1/0007, F24F 1/00073, F24F 1/00075, F24F 1/00077, F24F 1/0035, F24F 1/0038, F24F 1/0041, F24F 1/0043, F24F 1/0047, F24F 1/005, F24F 1/0053, F24F 1/0057, F24F 1/0059, F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/0071, F24F 1/0073, F24F 1/0076, F24F 1/008, F24F 1/0083, F24F 1/0087, F24F 1/009, F24F 1/0093, F24F 1/0097, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353, F24F 1/037
N	F24F 1/00073	2	{ comprising a compressor in the indoor unit housing }	
N	F24F 1/00075	2	{ receiving air from a central station }	
N	F24F 1/00077	2	{ receiving heat exchange fluid entering and leaving the unit as a liquid }	
M	F24F 1/0011	2	characterised by air outlets	
M	F24F 1/0014	3	having two or more outlet openings	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	F24F 1/0018	2	characterised by fans (with secondary air induced by injector action of the primary air F24F 1/01)	
M	F24F 1/0022	3	Centrifugal or radial fans	
M	F24F 1/0025	3	Cross-flow or tangential fans	
M	F24F 1/0029	3	Axial fans	
M	F24F 1/0033	3	having two or more fans	
Q	F24F 1/0035	2	characterised by introduction of outside air to the room	F24F1/0035, F24F1/0038
D	F24F 2001/0037	2	{mounted in or under the ceiling }	<administrative transfer to F24F 1/0047 INV>
N	F24F 1/0038	3	in combination with simultaneous exhaustion of inside air	
D	F24F 2001/004	2	{mounted or standing on the floor }	<administrative transfer to F24F 1/005 INV>
Q	F24F 1/0041	2	characterised by exhaustion of inside air from the room (in combination with simultaneous introduction of outside air F24F 1/0038)	F24F 1/0041, F24F 1/0038
N	F24F 1/0043	2	characterised by mounting arrangements	
D	F24F 2001/0044	2	{mounted at least partially under the floor or the outlet air is being distributed under the floor (HVAC with raised floors F24F 2221/40)}	<administrative transfer to F24F 1/0053 INV>
N	F24F 1/0047	3	mounted in the ceiling or at the ceiling	
D	F24F 2001/0048	2	{mounted in or on the wall }	<administrative transfer to F24F 1/0057 INV>
N	F24F 1/005	3	mounted on the floor; standing on the floor	
D	F24F 2001/0051	2	{Introducing outside air to rooms }	<administrative transfer to F24F 1/0035 INV>
N	F24F 1/0053	3	mounted at least partially below the floor; with air distribution below the floor	
D	F24F 2001/0055	2	{Exhausting internal air from rooms }	<administrative transfer to F24F 1/0041 INV>
N	F24F 1/0057	3	mounted in or on a wall	
C	F24F 1/0059	2	characterised by heat exchangers	F24F 1/0059, F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326
D	F24F 2001/0062	1	{receiving air from a central station }	<administrative transfer to F24F 1/00075 INV>
N	F24F 1/0063	3	by the mounting or arrangement of the heat exchangers	
D	F24F 2001/0066	2	{with air treatment in the central station and in the room unit }	<administrative transfer to F24F 1/00075 INV>
N	F24F 1/0067	3	by the shape of the heat exchangers or of parts thereof, e.g. of their fins	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
N	F24F 1/0068	2	characterised by the arrangement of refrigerant piping outside the heat exchanger within the unit casing	
D	F24F 2001/007	2	{with air treatment in the room unit }	<administrative transfer to F24F 1/00075 INV>
Q	F24F 1/0071	2	with means for purifying supplied air (perfuming or deodorising means F24F 1/008)	F24F 1/0071, F24F 1/0073, F24F 1/0076, F24F 1/0328, F24F 1/035, F24F 1/0353
N	F24F 1/0073	3	characterised by the mounting or arrangement of filters	
D	F24F 2001/0074	1	{receiving heat exchange fluid }	<administrative transfer to F24F 1/0007 INV>
N	F24F 1/0076	3	by electric means, e.g. ionisers or electrostatic separators	
D	F24F 2001/0077	2	{the fluid entering and leaving the room unit as a liquid }	<administrative transfer to F24F 1/00077 INV>
N	F24F 1/008	2	with perfuming or deodorising means	
D	F24F 2001/0081	2	{the fluid entering the room unit as a liquid and leaving it as a gas }	<administrative transfer to F24F 1/0007 INV>
N	F24F 1/0083	2	with dehumidification means	
D	F24F 2001/0085	1	{using the cooling effect of evaporating fluid either evaporating directly in the room air, in the air supplied to the room or in the outside air }	<administrative transfer to F24F 1/0007 INV>
N	F24F 1/0087	2	with humidification means	
D	F24F 2001/0088	2	{evaporating directly in the room air or the air supplied to the room }	<administrative transfer to F24F 1/0007 INV>
N	F24F 1/009	2	characterised by heating arrangements (characterised by heat exchangers F24F 1/0059)	
D	F24F 2001/0092	2	{evaporating in the outside air, e.g. evaporation heat being extracted from the room air by indirect heat exchange }	<administrative transfer to F24F 1/0007 INV>
N	F24F 1/0093	3	with additional radiant heat-discharging elements, e.g. electric heaters	
D	F24F 2001/0096	1	{Units supplying highly filtered air to a room or to a limited area within a room }	<administrative transfer to F24F 1/0071 INV>
N	F24F 1/0097	3	using thermoelectric or thermomagnetic means, e.g. Peltier elements	
M	F24F 1/01	1	in which secondary air is induced by injector action of the primary air	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
C	F24F 1/02	1	Self-contained room units for air-conditioning, i.e. with all apparatus for treatment installed in a common casing	F24F 1/02, F24F 1/028, F24F 1/0284, F24F 1/0287, F24F 1/029, F24F 1/03, F24F 1/031, F24F 1/0314, F24F 1/0317, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353, F24F 1/0355, F24F 1/0358, F24F 1/037, F24F 1/0373, F24F 1/0375, F24F 1/0378, F24F 1/039
E	F24F 1/022	2	comprising a compressor cycle	
D	F24F 1/025	3	{Portable}	<administrative transfer to F24F 1/022 and F24F 1/04 simultaneously>
M	F24F 1/027	3	mounted in wall openings, e.g. in windows	
N	F24F 1/028	2	characterised by air supply means, e.g. fan casings, internal dampers or ducts (with secondary air induced by injector action of the primary air F24F 1/01)	
N	F24F 1/0284	3	with horizontally arranged fan axis	
N	F24F 1/0287	3	with vertically arranged fan axis	
N	F24F 1/029	2	characterised by the layout or mutual arrangement of components, e.g. of compressors or fans	
N	F24F 1/03	2	characterised by mounting arrangements	
N	F24F 1/031	3	penetrating a wall or window	
N	F24F 1/0314	3	mounted on a wall	
N	F24F 1/0317	3	suspended from the ceiling	
N	F24F 1/032	2	characterised by heat exchangers	
N	F24F 1/0323	3	by the mounting or arrangement of the heat exchangers	
N	F24F 1/0325	3	by the shape of the heat exchangers or of parts thereof, e.g. of their fins	
N	F24F 1/0326	2	characterised by the arrangement of refrigerant piping outside the heat exchanger within the unit casing	
N	F24F 1/0328	2	with means for purifying supplied air (perfuming or deodorising means F24F 1/0355)	
N	F24F 1/035	3	characterised by the mounting or arrangement of filters	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
N	F24F 1/0353	3	by electric means, e.g. ionisers or electrostatic separators	
N	F24F 1/0355	2	with perfuming or deodorising means	
N	F24F 1/0358	2	with dehumidification means	
N	F24F 1/037	2	with humidification means	
N	F24F 1/0373	2	characterised by heating arrangements (characterised by heat exchangers F24F 1/032)	
N	F24F 1/0375	3	with additional radiant heat-discharging elements, e.g. electric heaters	
N	F24F 1/0378	3	using thermoelectric or thermomagnetic means, e.g. Peltier elements	
N	F24F 1/039	2	using water to enhance cooling, e.g. spraying onto condensers	
E	F24F 1/04	2	Arrangements for portability	

*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).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). 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.
- “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>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

B. New, Modified or Deleted Warning(s)

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SUBCLASS F24F - AIR-CONDITIONING, AIR-HUMIDIFICATION, VENTILATION, USE OF AIR CURRENTS FOR SCREENING ---

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F24F 1/0007		Group F24F 1/0007 is impacted by reclassification into groups F24F 1/00073, F24F 1/00075, F24F 1/00077, F24F 1/0035, F24F 1/0038, F24F 1/0041, F24F 1/0043, F24F 1/0047, F24F 1/005, F24F 1/0053, F24F 1/0057, F24F 1/0059, F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/0071, F24F 1/0073, F24F 1/0076, F24F 1/008, F24F 1/0083, F24F 1/0087, F24F 1/009, F24F 1/0093, F24F 1/0097, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353 and F24F 1/037. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/00073		Group F24F 1/00073 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/00073 should be considered in order to perform a complete search.
N	F24F 1/00075		Group F24F 1/00075 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/00075 should be considered in order to perform a complete search.
N	F24F 1/00077		Group F24F 1/00077 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/00077 should be considered in order to perform a complete search.
N	F24F 1/0035		Group F24F 1/0035 is incomplete pending reclassification of documents from group F24F 1/0007. Group F24F 1/0035 is also impacted by reclassification into group F24F 1/0038. Groups F24F 1/0007, F24F 1/0035 and F24F 1/0038 should be considered in order to perform a complete search.
N	F24F 1/0038		Group F24F 1/0038 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0035 and F24F 1/0041. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0041		Group F24F 1/0041 is incomplete pending reclassification of documents from group F24F 1/0007. Group F24F 1/0041 is also impacted by reclassification into group F24F 1/0038. Groups F24F 1/0007, F24F 1/0041 and F24F 1/0038 should be considered in order to perform a complete search.
N	F24F 1/0043		Group F24F 1/0043 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0043 should be considered in order to perform a complete search.
N	F24F 1/0047		Group F24F 1/0047 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0047 should be considered in order to perform a complete search.
N	F24F 1/005		Group F24F 1/005 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/005 should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	F24F 1/0053		Group F24F 1/0053 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0053 should be considered in order to perform a complete search.
N	F24F 1/0057		Group F24F 1/0057 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0057 should be considered in order to perform a complete search.
N	F24F 1/0059		Group F24F 1/0059 is incomplete pending reclassification of documents from group F24F 1/0007. Group F24F 1/0059 is also impacted by reclassification into groups F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/032, F24F 1/0323, F24F 1/0325 and F24F 1/0326. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0063		Group F24F 1/0063 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0059. Groups F24F 1/0007, F24F 1/0059 and F24F 1/0063 should be considered in order to perform a complete search.
N	F24F 1/0067		Group F24F 1/0067 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0059. Groups F24F 1/0007, F24F 1/0059 and F24F 1/0067 should be considered in order to perform a complete search.
N	F24F 1/0068		Group F24F 1/0068 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0059. Groups F24F 1/0007, F24F 1/0059 and F24F 1/0068 should be considered in order to perform a complete search.
N	F24F 1/0071		Group F24F 1/0071 is incomplete pending reclassification of documents from group F24F 1/0007. Group F24F 1/0071 is also impacted by reclassification into groups F24F 1/0073, F24F 1/0076, F24F 1/0328, F24F 1/035 and F24F 1/0353. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0073		Group F24F 1/0073 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0071. Groups F24F 1/0007, F24F 1/0071 and F24F 1/0073 should be considered in order to perform a complete search.
N	F24F 1/0076		Group F24F 1/0076 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/0071. Groups F24F 1/0007, F24F 1/0071 and F24F 1/0076 should be considered in order to perform a complete search.
N	F24F 1/008		Group F24F 1/008 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/008 should be considered in order to perform a complete search.
N	F24F 1/0083		Group F24F 1/0083 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0083 should be considered in order to perform a complete search.
N	F24F 1/0087		Group F24F 1/0087 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0087 should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	F24F 1/009		Group F24F 1/009 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/009 should be considered in order to perform a complete search.
N	F24F 1/0093		Group F24F 1/0093 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0093 should be considered in order to perform a complete search.
N	F24F 1/0097		Group F24F 1/0097 is incomplete pending reclassification of documents from group F24F 1/0007. Groups F24F 1/0007 and F24F 1/0097 should be considered in order to perform a complete search.
N	F24F 1/02		Group F24F 1/02 is impacted by reclassification into groups F24F 1/028, F24F 1/0284, F24F 1/0287, F24F 1/029, F24F 1/03, F24F 1/031, F24F 1/0314, F24F 1/0317, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353, F24F 1/0355, F24F 1/0358, F24F 1/037, F24F 1/0373, F24F 1/0375, F24F 1/0378 and F24F 1/039. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/028		Group F24F 1/028 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/028 should be considered in order to perform a complete search.
N	F24F 1/0284		Group F24F 1/0284 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0284 should be considered in order to perform a complete search.
N	F24F 1/0287		Group F24F 1/0287 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0287 should be considered in order to perform a complete search.
N	F24F 1/029		Group F24F 1/029 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/029 should be considered in order to perform a complete search.
N	F24F 1/03		Group F24F 1/03 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/03 should be considered in order to perform a complete search.
N	F24F 1/031		Group F24F 1/031 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/031 should be considered in order to perform a complete search.
N	F24F 1/0314		Group F24F 1/0314 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0314 should be considered in order to perform a complete search.
N	F24F 1/0317		Group F24F 1/0317 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0317 should be considered in order to perform a complete search.
N	F24F 1/032		Group F24F 1/032 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	F24F 1/0323		Group F24F 1/0323 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0325		Group F24F 1/0325 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0326		Group F24F 1/0326 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0059 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0328		Group F24F 1/0328 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0071 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/035		Group F24F 1/035 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0071 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0353		Group F24F 1/0353 is incomplete pending reclassification of documents from groups F24F 1/0007, F24F 1/0071 and F24F 1/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24F 1/0355		Group F24F 1/0355 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0355 should be considered in order to perform a complete search.
N	F24F 1/0358		Group F24F 1/0358 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0358 should be considered in order to perform a complete search.
N	F24F 1/037		Group F24F 1/037 is incomplete pending reclassification of documents from groups F24F 1/0007 and F24F 1/02. Groups F24F 1/0007, F24F 1/02 and F24F 1/037 should be considered in order to perform a complete search.
N	F24F 1/0373		Group F24F 1/0373 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0373 should be considered in order to perform a complete search.
N	F24F 1/0375		Group F24F 1/0375 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0375 should be considered in order to perform a complete search.
N	F24F 1/0378		Group F24F 1/0378 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/0378 should be considered in order to perform a complete search.
N	F24F 1/039		Group F24F 1/039 is incomplete pending reclassification of documents from group F24F 1/02. Groups F24F 1/02 and F24F 1/039 should be considered in order to perform a complete search.

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*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.

C. New, Modified or Deleted Note(s)

SUBCLASS F24F - AIR-CONDITIONING, AIR-HUMIDIFICATION, VENTILATION, USE OF AIR CURRENTS FOR SCREENING ---

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	F24F	<p>2. In this subclass, the following terms or expressions are used with the meanings indicated: •"air-conditioning" means the supply of air to rooms or spaces by means which provide for the treatment of the air in at least two of the following ways: heating — cooling — any other kind of treatment, e.g. humidification.</p> <p>•"ventilation" means the supply of air to, or its extraction from, rooms or spaces, and systems for circulating air within rooms or spaces, but does not cover the mere treatment of air being supplied to, extracted from, or circulated within, rooms or spaces.</p>	<p>2. In this subclass, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> • "air-conditioning" means the supply of air to or the treatment of air in rooms or spaces by means of cooling or a combination of cooling and a further kind of air treatment, e.g. humidification, heating or air purification; • "ventilation" means the supply of air to, or its extraction from, rooms or spaces, and systems for circulating air within rooms or spaces, but does not cover the mere treatment of air being supplied to, extracted from, or circulated within, rooms or spaces.

*N = new note, M = modified note, D = deleted note

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

2. A. DEFINITIONS (new)

Insert: The following new Definition.

F24F 1/01

Definition statement

This place covers:

Room units in which secondary air is induced by injector action of the primary air.

References

Informative references

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

Self-contained room units for air-conditioning	F24F 1/02
Control systems for controlling the temperature of the supplied air by controlling the air supply to heat-exchangers or bypass channels	F24F 11/81
Arrangements for air-circulation by means of induction	F24F 13/26

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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>
F24F 1/00	Informative references		<p>Insert: The following new reference in the Informative references table.</p> <p>Air-conditioning systems or apparatus not covered by F24F 1/00 or F24F 3/00.</p> <p>F24F 5/00</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.

3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	F24F 1/0007	F24F 1/0007, F24F 1/00073, F24F 1/00075, F24F 1/00077, F24F 1/0035, F24F 1/0038, F24F 1/0041, F24F 1/0043, F24F 1/0047, F24F 1/005, F24F 1/0053, F24F 1/0057, F24F 1/0059, F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/0071, F24F 1/0073, F24F 1/0076, F24F 1/008, F24F 1/0083, F24F 1/0087, F24F 1/009, F24F 1/0093, F24F 1/0097, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353, F24F 1/037
Q	F24F 1/0035	F24F 1/0035, F24F 1/0038
D	F24F 2001/0037	<administrative transfer to F24F 1/0047 INV>
D	F24F 2001/004	<administrative transfer to F24F 1/005 INV>
Q	F24F 1/0041	F24F 1/0041, F24F 1/0038
D	F24F 2001/0044	<administrative transfer to F24F 1/0053 INV>
D	F24F 2001/0048	<administrative transfer to F24F 1/0057 INV>
D	F24F 2001/0051	<administrative transfer to F24F 1/0035 INV>
D	F24F 2001/0055	<administrative transfer to F24F 1/0041 INV>
C	F24F 1/0059	F24F 1/0059, F24F 1/0063, F24F 1/0067, F24F 1/0068, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326
D	F24F 2001/0062	<administrative transfer to F24F 1/00075 INV>
D	F24F 2001/0066	<administrative transfer to F24F 1/00075 INV>
D	F24F 2001/007	<administrative transfer to F24F 1/00075 INV>
Q	F24F 1/0071	F24F 1/0071, F24F 1/0073, F24F 1/0076, F24F 1/0328, F24F 1/035, F24F 1/0353
D	F24F 2001/0074	<administrative transfer to F24F 1/0007 INV>
D	F24F 2001/0077	<administrative transfer to F24F 1/00077 INV>
D	F24F 2001/0081	<administrative transfer to F24F 1/0007 INV>
D	F24F 2001/0085	<administrative transfer to F24F 1/0007 INV>
D	F24F 2001/0088	<administrative transfer to F24F 1/0007 INV>
D	F24F 2001/0092	<administrative transfer to F24F 1/0007 INV>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	F24F 2001/0096	<administrative transfer to F24F 1/0071 INV>
C	F24F 1/02	F24F 1/02, F24F 1/028, F24F 1/0284, F24F 1/0287, F24F 1/029, F24F 1/03, F24F 1/031, F24F 1/0314, F24F 1/0317, F24F 1/032, F24F 1/0323, F24F 1/0325, F24F 1/0326, F24F 1/0328, F24F 1/035, F24F 1/0353, F24F 1/0355, F24F 1/0358, F24F 1/037, F24F 1/0373, F24F 1/0375, F24F 1/0378, F24F 1/039
D	F24F 1/025	<administrative transfer to F24F 1/022 and F24F 1/04 simultaneously>

* 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; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F24F 1/0003	F24F 1/0003	UPDATE
F24F 1/0007	F24F 1/0007	UPDATE
F24F 1/00073	F24F 1/0007	NEW
F24F 1/00075	F24F 1/0007	NEW
F24F 1/00077	F24F 1/0007	NEW
F24F 1/0011	F24F 1/0011	UPDATE
F24F 1/0014	F24F 1/0014	UPDATE
F24F 1/0018	F24F 1/0018	UPDATE
F24F 1/0022	F24F 1/0022	UPDATE
F24F 1/0025	F24F 1/0025	UPDATE
F24F 1/0029	F24F 1/0029	UPDATE
F24F 1/0033	F24F 1/0033	UPDATE
F24F 1/0035	F24F 1/0035	NEW
F24F 2001/0037		DELETE
F24F 1/0038	F24F 1/0038	NEW
F24F 2001/004		DELETE
F24F 1/0041	F24F 1/0041	NEW
F24F 1/0043	F24F 1/0043	NEW
F24F 2001/0044		DELETE
F24F 1/0047	F24F 1/0047	NEW
F24F 2001/0048		DELETE
F24F 1/005	F24F 1/005	NEW
F24F 2001/0051		DELETE
F24F 1/0053	F24F 1/0053	NEW
F24F 2001/0055		DELETE
F24F 1/0057	F24F 1/0057	NEW
F24F 1/0059	F24F 1/0059	UPDATE
F24F 2001/0062		DELETE
F24F 1/0063	F24F 1/0063	NEW
F24F 2001/0066		DELETE
F24F 1/0067	F24F 1/0067	NEW
F24F 1/0068	F24F 1/0068	NEW
F24F 2001/007		DELETE
F24F 1/0071	F24F 1/0071	NEW
F24F 1/0073	F24F 1/0073	NEW
F24F 2001/0074		DELETE
F24F 1/0076	F24F 1/0076	NEW
F24F 2001/0077		DELETE
F24F 1/008	F24F 1/008	NEW
F24F 2001/0081		DELETE
F24F 1/0083	F24F 1/0083	NEW
F24F 2001/0085		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F24F 1/0087	F24F 1/0087	NEW
F24F 2001/0088		DELETE
F24F 1/009	F24F 1/009	NEW
F24F 2001/0092		DELETE
F24F 1/0093	F24F 1/0093	NEW
F24F 2001/0096		DELETE
F24F 1/0097	F24F 1/0097	NEW
F24F 1/022	F24F 1/022	UPDATE
F24F 1/025		DELETE
F24F 1/027	F24F 1/027	UPDATE
F24F 1/028	F24F 1/028	NEW
F24F 1/0284	F24F 1/0284	NEW
F24F 1/0287	F24F 1/0287	NEW
F24F 1/029	F24F 1/029	NEW
F24F 1/03	F24F 1/03	NEW
F24F 1/031	F24F 1/031	NEW
F24F 1/0314	F24F 1/0314	NEW
F24F 1/0317	F24F 1/0317	NEW
F24F 1/032	F24F 1/032	NEW
F24F 1/0323	F24F 1/0323	NEW
F24F 1/0325	F24F 1/0325	NEW
F24F 1/0326	F24F 1/0326	NEW
F24F 1/0328	F24F 1/0328	NEW
F24F 1/035	F24F 1/035	NEW
F24F 1/0353	F24F 1/0353	NEW
F24F 1/0355	F24F 1/0355	NEW
F24F 1/0358	F24F 1/0358	NEW
F24F 1/037	F24F 1/037	NEW
F24F 1/0373	F24F 1/0373	NEW
F24F 1/0375	F24F 1/0375	NEW
F24F 1/0378	F24F 1/0378	NEW
F24F 1/039	F24F 1/039	NEW

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.

E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
B60H1/3202	F24F2001/0092	Informative references	DELETE the following reference from section: In case there is a separate airflow not in contact with the wet elements F24F2001/0092

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.