

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 737

DATE: JANUARY 1, 2020

PROJECT DP0208

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions Modified:	F24F	subclass

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)

2. A. DEFINITIONS (modified)

F24F

Definition statement

Replace: In the Definitions statement section, the first sentence and the three statements with bullets that follow with the updated text below.

Methods and apparatus for air-conditioning, i.e. the supply of air to or the treatment of air in rooms or spaces by means which provide for the treatment of the air in the following ways:

Cooling;
Cooling and Heating;
Cooling and any other kind of treatment, e.g. humidification.

Delete: From the Definitions statement section, the last two statements, shown below.

Devices, systems and methods for changing the air characteristics within a room, a building or spaces, comprising air treatment like air-conditioning, air-humidification, dehumidification of room air, cleaning e.g. filtering of room air, ventilation, use of air currents for screening

Air treatment to improve the air properties of breathing air for human beings in the room or building.

Insert: In the Definitions statement section, a period at the end of each of the six statements, shown below.

Methods and apparatus for humidification of air for rooms or spaces.

Methods and apparatus for supplying air or extracting air from rooms or spaces, either by forced movement (for example by fans) or by natural effects (for example convection).

Methods and apparatus for circulating air within rooms or spaces, either by forced movement (for example by fans) or by natural effects (for example convection).

Methods and apparatus for use of air currents for screening, for example of entrances of buildings or of areas where particular operations are performed.

Use of energy recovery systems in air conditioning, ventilation or screening.

Details, for example control arrangements, safety arrangements, ducting arrangements or air flow control members, which are specially adapted for the methods or apparatus specified above.

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Relationships with other classification places

Replace: In the Relationships with other classification places section, the paragraph: “*This subclass does not cover elements or apparatus in general for transporting air or for regulating air flow... Such elements and apparatus are covered in several different places in the CPC, see for example the entries under "Informative References" below.*” with the following new paragraph.

Related arrangements for merely heating are covered by subclasses [F24D](#) or [F24H](#). This subclass does not cover elements or apparatus in general for transporting air or for regulating air flow, for example fans, ducts or valves. Such elements and apparatus are covered in several different places in the IPC, see for example the entries under "Informative References" below.

Delete: From the Relationships with other classification places section, the following two paragraphs.

Subclass F24F covers arrangement of cooling and heating. The relative arrangement of merely heating is covered by F24D and F24H.

Subclass F24F covers air-conditioning units characterised by the treatment of air. Air-conditioning units characterised by the refrigerant machines or systems per se are covered by F25B.

Limiting references

Replace: In the Limiting references table, the three existing rows with the following revised rows.

Removing dirt or fumes from areas where they are produced	B08B 15/00
Vertical ducts for carrying away waste gases from buildings	E04F 17/02
Tops for ventilating shafts; Terminals for flues	F23L 17/02

Application-oriented references

Delete: From the Application-oriented references table, the following row.

Air-conditioning systems for greenhouses	A01G 9/246
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Replace: In the Application-oriented references table, the row: “*Devices for reconditioning breathing air in sealed rooms or for ventilating gas-proof shelters*” with the following revised row.

Devices for reconditioning breathing air in sealed rooms	A62B 11/00
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Insert: In the Application-oriented references table, the following new row.

Removing cooking fumes	F24C 15/20
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Informative references

Delete: From the Informative references table, the following two rows.

Air supply; draught-inducing; supplying non-combustible liquid or gas, tops for chimneys and ventilating shafts	F23L
Domestic or space-heating systems	F24D

Replace: In the Informative references table, this row: “*Apparatus for generating ions to be introduced into non-enclosed gases*” with the following revised row.

Generating ions to be introduced into non-enclosed gases	H01T 23/00
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Glossary of terms

Replace: In the Glossary of terms table, the text (*Supply of air to rooms..., e.g. humidification*) in the second column of the first row, with the following revised text.

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.

Delete: The following two existing rows from the Glossary of terms table.

Supplied air	Air entering the room
Exhaust air	Air withdrawn from the room