

Title (en)

Airconditioning unit.

Title (de)

Klimagerät.

Title (fr)

Appareil de conditionnement d'air.

Publication

EP 0424614 B1 19931027 (EN)

Application

EP 90113928 A 19900720

Priority

IT 2181289 A 19890925

Abstract (en)

[origin: EP0424614A1] This air conditioning unit (1) comprises a case (2), a heat exchanger (11) housed within the case (2), a compressor (9) mounted beside the heat exchanger (11) within the case (2) and enclosed in a compartment (18) separated from the air flow, air intake ports (7) formed on two contiguous sides (3,4) of the case (2), and air discharge ports (8) formed on an opposite side (6) of the case (2) from one (4) of the sides formed with air intake ports (7). The heat exchanger (11) is essentially U-shaped, it having three sides (12,13,14) of which two (12,13) lie adjacent to respective sides (3,4) of the case (2) at the air intake ports (7), and the third (14) is facing a chamber (16) open to the air intake ports (7). By this invention, the advantage of a three-sided (12, 13, 14) heat exchanger (11) is obtained even where one of the case sides (3, 4, 5 and 6) is made inaccessible by the presence of the compressor (9).

IPC 1-7

F24F 5/00; **F24F 1/02**

IPC 8 full level

F24F 1/00 (2011.01); **F24F 1/02** (2006.01); **F24F 5/00** (2006.01)

CPC (source: EP)

F24F 1/06 (2013.01); **F24F 1/14** (2013.01); **F24F 1/16** (2013.01); **F24F 1/46** (2013.01)

Cited by

SG164262A1; EP0789197A3; EP0793061A4; EP3779297A4; US5337580A; EP0727621A3; US5775119A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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