

Title (en)

AIR CONDITIONING DEVICE FOR HEATING OR COOLING A ROOM

Publication

**EP 0395535 B1 19920715 (FR)**

Application

**EP 90401172 A 19900427**

Priority

FR 8905718 A 19890428

Abstract (en)

[origin: EP0395535A1] The device comprises a casing (2, 30, 41, 80) which is rotationally cylindrical about an axis (x, y), open at each of these upstream and downstream ends, inside which there are arranged exchange means (3, 29, 42, 68, 82) which are passed through by the flow of air to be conditioned, these exchange means being made up of an assembly of ducts through which a heat-exchanging fluid flows. This device is characterised in that the exchange means are made up of at least one flat exchanger (3, 29, 52, 68, 82), this exchanger being inclined on the axis (x, y) of the cylindrical casing by an angle of less than 45 DEG , the peripheral walls of this exchanger being connected in an impermeable manner to the internal walls of the cylindrical casing so as to separate the latter into two zones, an upstream zone (13) and a downstream zone (15).  
<IMAGE>

IPC 1-7

**F24F 13/00; F24F 13/14**

IPC 8 full level

**F24F 13/00** (2006.01); **F24F 13/14** (2006.01); **F24F 13/24** (2006.01); **F24F 13/30** (2006.01)

CPC (source: EP)

**F24F 13/24** (2013.01); **F24F 13/30** (2013.01)

Cited by

US8091376B2

Designated contracting state (EPC)

AT BE CH DE ES GB IT LI NL

DOCDB simple family (publication)

**EP 0395535 A1 19901031; EP 0395535 B1 19920715; AT E78331 T1 19920815; DE 69000193 D1 19920820; DE 69000193 T2 19930225; FR 2646498 A1 19901102; FR 2646498 B1 19910809**

DOCDB simple family (application)

**EP 90401172 A 19900427; AT 90401172 T 19900427; DE 69000193 T 19900427; FR 8905718 A 19890428**