

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)
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