

Title (en)

Compact indoor unit for under-floor installation

Title (de)

Kompakte Inneneinheit als Fussbodeneinbaugerät

Title (fr)

Unité d'intérieur avec géométrie compact pour installation sous sol

Publication

EP 1959205 A3 20101117 (DE)

Application

EP 08001102 A 20080122

Priority

DE 102007007928 A 20070217

Abstract (en)

[origin: EP1959205A2] The ventilation system has a housing (6) in which a cross flow fan (24) provided with a whirl creator (38), and a heat exchanger (25) are arranged. The heat exchanger is arranged in an inclined position in the housing such that the heat exchanger fits with its contour (26) to an inner side of a cover wall (7) and a side wall (9) of the housing for forming an air space (35). The contour of the heat exchanger approximates almost to the whirl creator, and the heat exchanger providing in vertical direction overlaps the cross flow fan.

IPC 8 full level

F24F 1/0053 (2019.01)

CPC (source: EP US)

F24F 1/0053 (2019.01 - EP US); **F28D 1/024** (2013.01 - EP); **F24F 1/0025** (2013.01 - EP); **F24F 2221/40** (2013.01 - EP); **F28F 13/12** (2013.01 - EP)

Citation (search report)

[I] DE 202004003427 U1 20040513 - LTG AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1959205 A2 20080820; **EP 1959205 A3 20101117**; **EP 1959205 B1 20180502**; DE 102007007928 A1 20080821

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