

Title (en)

Ventilating apparatus for buildings.

Title (de)

Lüftungsvorrichtung für Gebäude.

Title (fr)

Appareil de ventilation pour bâtiments.

Publication

EP 0075468 A1 19830330 (EN)

Application

EP 82304928 A 19820920

Priority

- DE 3141268 A 19811017
- GB 8128478 A 19810921

Abstract (en)

A ventilating apparatus (10) for buildings is provided, having an air-outlet conduit (6) which is bounded laterally by a housing (1) and comprises an inlet opening (5) predetermined by a roof opening and an outlet opening (8) formed by the housing for spent air out of the interior of the building. Disposed inside the opening cross-section of the air-outlet conduit (6), in its marginal region, is an air guide device (13), the guide elements (14) of which each comprise an inner region (15) which extends substantially parallel to the longitudinal direction of the conduit (6) and which extends from the inlet opening (5) towards the outlet opening (8) and an outer region (16) diverging towards the edge of the air-outlet conduit (6) and extending, in an extension of the inner region (15) of the guide elements beyond the inlet opening (5) into the interior of the building. The ventilating apparatus has an improved aerodynamic efficiency, while the air guide device (13) does not cause any structural problems and occupies only a small amount of the interior of the building.

IPC 1-7

F24F 13/06; **F24F 7/02**

IPC 8 full level

F24F 7/02 (2006.01); **F24F 13/06** (2006.01)

CPC (source: EP)

F24F 7/02 (2013.01); **F24F 13/06** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 82304928 A 19820920; AU 8865582 A 19820923