

Title (en)
Device for Ventilating a Room

Title (de)
Vorrichtung zur Belüftung eines Raums

Title (fr)
Dispositif pour ventiler une pièce

Publication
EP 2397783 A1 20111221 (EN)

Application
EP 11170489 A 20110620

Priority
IT BS20100109 A 20100621

Abstract (en)
The device (1) comprises a fastening and movement device (2) comprising a fastening portion (3) stably connected to a fixed structure of the room, a stator (4) firmly fastened to the fastening portion, and a rotor (5) turnably engaged to the stator, the stator rotating the rotor around an axis of rotation (6); the device further comprises a blade-carrying rotor (50), having a hub (51) mechanically connected to the rotor and a supporting structure (60) fastened to the hub, and a plurality of blades (80) individually fastened to the supporting structure, wherein the fastening and movement device supports the blade-carrying rotor and rotates it around the axis of rotation for moving an air volume of the room, wherein the blade-carrying rotor is rotationally integral with the rotor so that, during rotation, the rotational speed of the blade-carrying rotor is the same as the rotational speed of the rotor.

IPC 8 full level
F24F 7/007 (2006.01); **F04D 25/06** (2006.01); **F04D 25/08** (2006.01); **F04D 29/32** (2006.01); **F04D 29/34** (2006.01); **F04D 29/38** (2006.01); **F04D 29/60** (2006.01); **F04D 29/64** (2006.01); **F24F 3/16** (2006.01)

CPC (source: EP)
F04D 25/088 (2013.01); **F04D 29/34** (2013.01); **F04D 29/601** (2013.01); **F24F 7/007** (2013.01); **F24F 8/50** (2021.01)

Citation (applicant)
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Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2397783 A1 20111221; IT 1400660 B1 20130628; IT BS20100109 A1 20111222

DOCDB simple family (application)
EP 11170489 A 20110620; IT BS20100109 A 20100621