

Title (en)
Air extraction device

Title (de)
Entlüftungsvorrichtung

Title (fr)
Dispositif d'extraction d'air

Publication
EP 2110616 A3 20140730 (FR)

Application
EP 09157804 A 20090410

Priority
FR 0852603 A 20080417

Abstract (en)
[origin: EP2110616A2] The system has a wooden joinery e.g. window, whose traversing air passage extends from an air inlet zone (6) to an air outlet zone (7), where the inlet and the outlet zones are located on interior and exterior faces of a frame, respectively. An axial turbine (8) extracting air is located in the outlet zone or the passage at distance from the inlet zone. A rotational axis of the turbine is placed in a plane perpendicular to a plane of the window and does not cut the inlet zone. Distance between a rotation center of the turbine and the inlet zone is equal to diameter of the turbine.

IPC 8 full level
F24F 13/18 (2006.01); **E06B 7/10** (2006.01); **F24F 7/013** (2006.01)

CPC (source: EP)
E06B 7/10 (2013.01); **F24F 7/013** (2013.01); **F24F 13/18** (2013.01); **F24F 13/24** (2013.01)

Citation (search report)

- [X1] DE 20106814 U1 20010628 - BERGMANN GUENTER [DE]
- [X1] FR 2896855 A1 20070803 - ALDES AERAILIQUE SA [FR]
- [AD] JP 2000111110 A 20000418 - MATSUSHITA SEIKO KK
- [A] JP 2000274769 A 20001006 - MITSUBISHI ELECTRIC CORP
- [A] EP 1840478 A1 20071003 - ALBISRIEDEN FENSTER [CH]

Cited by
CN106639762A; CN106639763A; CN105444323A; CN105401869A; CN106437421A

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2110616 A2 20091021; **EP 2110616 A3 20140730**; **EP 2110616 B1 20200902**; FR 2930322 A1 20091023; FR 2930322 B1 20100730

DOCDB simple family (application)
EP 09157804 A 20090410; FR 0852603 A 20080417