

Title (en)
RADIAL BLOWER

Title (de)
RADIALLÜFTER

Title (fr)
VENTILATEUR CENTRIFUGE

Publication
EP 3330545 A1 20180606 (EN)

Application
EP 17201511 A 20171114

Priority
IT 201600121296 A 20161130

Abstract (en)
A radial blower (1) comprises a housing, which defines a conveying space (3) with an inlet aperture (8) and an outlet aperture (10), an impeller (2) accommodated within the conveying space (3), an electric motor (11) arranged outside the conveying space (3) in a motor support (14), which is formed directly by the housing (3) and which axially protrudes into the conveying space (3) so that the conveying space (3) at least partially envelops the stator (16) of the motor (11).

IPC 8 full level
F04D 25/06 (2006.01); **F04D 25/08** (2006.01); **F04D 29/42** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)
F04D 25/0606 (2013.01); **F04D 25/082** (2013.01); **F04D 29/4226** (2013.01); **F04D 29/5806** (2013.01)

Citation (search report)

- [X] EP 0408221 A2 19910116 - IBM [US], et al
- [X] WO 2016059776 A1 20160421 - PANASONIC IP MAN CO LTD [JP]
- [I] DE 102013204138 A1 20140911 - BSH BOSCH & SIEMENS HAUSGERAETE GMBH [DE]
- [I] US 2013101451 A1 20130425 - DICKINSON ROGER [US], et al

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EP4202229A1

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 3330545 A1 20180606; **EP 3330545 B1 20210901**; IT 201600121296 A1 20180530; PL 3330545 T3 20220207

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EP 17201511 A 20171114; IT 201600121296 A 20161130; PL 17201511 T 20171114