

Title (en)
Radial ventilator housing

Title (de)
Radiallüftergehäuse

Title (fr)
Boîtier de ventilateur radial

Publication
EP 2292935 A3 20130130 (DE)

Application
EP 10169984 A 20100719

Priority
DE 102009033776 A 20090717

Abstract (en)
[origin: EP2292935A2] The radial fan housing assembly has a boundary wall (5) which is designed such that a radial fan receiving space extends in a wall section in a nonlinear manner. The radial fan receiving space extends in another wall section in a linear manner. The radial fan receiving space is logarithmically expanded in the former wall section.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP)
F04D 29/4226 (2013.01); **F04D 29/441** (2013.01); **F05D 2250/52** (2013.01)

Citation (search report)
• [X] US 3846040 A 19741105 - DENNIS D
• [X] WO 9009524 A1 19900823 - AIRFLOW RES & MFG [US]
• [X] US 4735551 A 19880405 - SCHILLING JUERGEN [DE]
• [X] US 6273679 B1 20010814 - NA SANG-KWON [KR]
• [A] US 1778015 A 19301014 - BECKER BERNARD C

Cited by
DE102014221955A1; CN103994102A; CN106989063A; DE102014221955B4

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
DE 102009033776 A1 20110120; EP 2292935 A2 20110309; EP 2292935 A3 20130130; EP 2292935 B1 20161102

DOCDB simple family (application)
DE 102009033776 A 20090717; EP 10169984 A 20100719