

Title (en)  
Radial fan

Title (de)  
Radiallüfter

Title (fr)  
Ventilateur radial

Publication  
**EP 2405144 A2 20120111 (EN)**

Application  
**EP 11460017 A 20110420**

Priority  
PL 11896310 A 20100425

Abstract (en)  
A radial fan consisting of a housing (7) provided with front wall (5), rear wall (3) and inner partition (4) insulated from inside with thermal insulation and an electric motor (1) mounted in said housing (7) and connected detachably with radial turbine (2) located in helical part (12) of said housing, provided with two ports and resting on legs (13) characterised with that outer surface of the fan's housing, specifically cylindrical (7), is provided with mounting holes located along its circumference and specifically in the vicinity of its end faces in which detachably and adjustably, according to needs, resilient supports (9) are mounted provided with legs (13), and at the outlet of helical part (12) of said housing, a sleeve-shaped port is attached. Each of resilient supports (9) is preferably made of spring steel flat in the form resembling a shortened letter "U" with ends of its arms bent outside.

IPC 8 full level  
**F04D 29/60** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)  
**F04D 29/601** (2013.01); **F04D 29/668** (2013.01)

Citation (applicant)  
PL 97951 B1 19780429

Cited by  
CN113550919A; WO2020015902A1

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 2405144 A2 20120111; EP 2405144 A3 20180321**

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