

Title (en)

A ROTOR FOR A RADIAL FAN AND A RADIAL FAN

Title (de)

ROTOR FÜR EIN RADIALGEBLÄSE UND RADIALGEBLÄSE

Title (fr)

ROTOR DESTINÉ À UN VENTILATEUR RADIAL ET VENTILATEUR RADIAL

Publication

EP 2921712 B1 20191120 (EN)

Application

EP 15157598 A 20150304

Priority

IT MI20140429 A 20140317

Abstract (en)

[origin: EP2921712A1] A rotor (2) for a radial fan (1) comprises a plurality of main blades (25) positioned in sequence around a rotation axis (A) and a hub element (36) forming a guide surface (51) from which the main blades (25) project, wherein the guide surface (51) is a rotational surface with respect to the rotational axis (A) with a generatrix forming a convex radially inner portion (52), a concave intermediate portion (53), and, possibly, a substantially rectilinear radially outer portion (54) forming an outer ring that is planar and orthogonal to the rotational axis A.

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR3069895A1; FR3069896A1; CN110242598A; WO2020015902A1; WO2019025710A1

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