

Title (en)

Radial conveyor for suction hoods

Title (de)

Radialer Förderer für Absaughaube

Title (fr)

Convoyeur radial pour hottes aspirantes

Publication

**EP 2365224 A1 20110914 (EN)**

Application

**EP 10425064 A 20100311**

Priority

EP 10425064 A 20100311

Abstract (en)

A radial conveyor (1) comprises a housing (2) with a first axial intake opening (3) and a second axial intake opening (4) opposite to the first intake opening (3) and a radial air outlet opening (5), a conveying group (6, 7) with an impeller (7) arranged inside of the housing (2), in which the axially outer ends (25) of the blades (24) of the impeller (7) have a curvature which is substantially identical to the curvature of the edge (10) of the intake openings (3, 4) sectioned according to a plane radial with respect to the rotation axis (R).

IPC 8 full level

**F04D 17/16** (2006.01); **F04D 29/16** (2006.01); **F04D 29/28** (2006.01); **F04D 29/30** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)

**F04D 17/162** (2013.01); **F04D 29/162** (2013.01); **F04D 29/282** (2013.01); **F04D 29/30** (2013.01); **F04D 29/424** (2013.01)

Citation (applicant)

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Citation (search report)

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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 SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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