

Title (en)  
Radial conveyor for suction hoods

Title (de)  
Radialer Förderer für Absaughaube

Title (fr)  
Convoyeur radial pour hottes aspirantes

Publication  
**EP 2365224 B1 20180404 (EN)**

Application  
**EP 10425064 A 20100311**

Priority  
EP 10425064 A 20100311

Abstract (en)  
[origin: EP2365224A1] 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)

Cited by  
CN110242604A; EP2778425A1; EP2778429A1; EP3228875A1; US2017292718A1; CN107269591A; ITUA20162385A1; US10458661B2; DE202018006755U1

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