

Title (en)
Radial fan

Title (de)
Radialgebläse

Title (fr)
Soufflante radiale

Publication
EP 1094224 B1 20031203 (DE)

Application
EP 00120352 A 20000916

Priority
DE 19950245 A 19991019

Abstract (en)
[origin: EP1094224A2] The radial fan has a housing containing an electric motor (12) and a fan assembly (4) with a fan wheel rotatable about a rotation axis. The housing has axial air inlet (6) and radial or tangential outlet (10) openings, two separable parts (2a,2b) and a fan assembly bearer (20) held by spoke-shaped bearer elements (18,18a), at least one (18a) forming a cable duct for electrical motor connection leads with a transition to a connector housing.

IPC 1-7
F04D 25/08; F04D 29/42; F04D 25/06

IPC 8 full level
E21B 23/00 (2006.01); **F04D 25/06** (2006.01); **F04D 25/08** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)
F04D 25/08 (2013.01); **F04D 29/424** (2013.01)

Cited by
US10273963B2; US2016177957A1; CN100436833C; EP1520991A3; EP2004899A4; EP4136355A4; EP1857683A3; EP3399194A1; EP2778425A1; EP2778429A1; US9745988B2; US9927136B2; US9903602B2; EP3037671A1; US2019226487A1; US10704557B2; US10865797B2; US10221860B2; US10100836B2; US10465928B2; US9982677B2; US10094581B2; US9745981B2; US9797612B2; WO2005095803A1; US10408478B2; US9797414B2; US10344773B2; US10612565B2; US9745996B2; US9822778B2; WO2007033184A1; WO2021189044A1; US9752789B2; US9797613B2; US10563875B2; US7381028B2; US9926804B2; US10145583B2; US10428837B2; US10006657B2; US11913460B2; US9732763B2; US9816531B2; US10094392B2; US10145388B2; US10309420B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1094224 A2 20010425; **EP 1094224 A3 20020123**; **EP 1094224 B1 20031203**; AT E255684 T1 20031215; DE 19950245 C1 20010510; DE 50004635 D1 20040115; ES 2209745 T3 20040701; PT 1094224 E 20040430

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