

Title (en)

Fan for a motor vehicle having guide vanes

Title (de)

Lüfter für ein Kraftfahrzeug mit Leitschaufeln

Title (fr)

Ventilateur pour véhicule automobile muni d'aubes directrices

Publication

EP 1152153 A1 20011107 (FR)

Application

EP 01110744 A 20010503

Priority

FR 0005787 A 20000505

Abstract (en)

The fan consists of a stator and rotor, which rotates relative to the stator, around an axis, to produce a flow of air in the direction of the axis. The rotor carries a series of blades (8), which extend, roughly radially, into the air flow. Various parameters of the rotor blade size, shape and orientation are defined within fixed limits.

Abstract (fr)

Pour assurer un redressement optimal du flux d'air, la longueur axiale (L) des aubes directrices est comprise entre 40 et 60 mm, et leur angle d'inclinaison Ω par rapport à un plan radial est compris entre 25 et 35 °. <IMAGE>

IPC 1-7

F04D 29/54

IPC 8 full level

F04D 29/54 (2006.01)

CPC (source: EP US)

F04D 29/544 (2013.01 - EP US)

Citation (search report)

- [A] DE 19948074 A1 20000427 - GATE SPA [IT]
- [A] EP 0499166 A1 19920819 - SCHULTZ GMBH AURORA [DE]
- [A] DE 4105378 A1 19920827 - BOSCH GMBH ROBERT [DE]
- [A] GB 2156007 A 19851002 - FERNHURST LIMITED
- [A] US 2219499 A 19401029 - TROLLER THEODOR H

Cited by

ES2234348A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1152153 A1 20011107; EP 1152153 A8 20020102; EP 1152153 B1 20070530; AT E363600 T1 20070615; DE 60128616 D1 20070712; DE 60128616 T2 20081127; FR 2808568 A1 20011109; FR 2808568 B1 20020802; US 2002006331 A1 20020117; US 6609887 B2 20030826

DOCDB simple family (application)

EP 01110744 A 20010503; AT 01110744 T 20010503; DE 60128616 T 20010503; FR 0005787 A 20000505; US 84525701 A 20010501