

Title (en)
Duct blower

Title (de)
Rohrlüfter

Title (fr)
Ventilateur pour conduit

Publication
EP 1462659 A3 20050713 (DE)

Application
EP 04006335 A 20040317

Priority
DE 10313991 A 20030327

Abstract (en)
[origin: EP1462659A2] The tubular fan (2) comprises a tube (1) with a motor driven impeller (3) and a diffuser assembly (6). The diffuser assembly has a number of guide vanes (7) which are connected to the tube and form a connection between the tube and the motor. The motor (5) is installed inside the diffuser assembly, and the fan is installed co-axially in the tube. The guide vanes are equidistantly spaced and especially distributed around the circumference of a base component of the diffuser assembly.

IPC 1-7
F04D 29/54

IPC 8 full level
F04D 29/54 (2006.01); **F04D 29/58** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)
F04D 25/082 (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F04D 29/5806** (2013.01 - EP); **F04D 29/668** (2013.01 - EP US)

Citation (search report)

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- [XA] GB 229708 A 19250326 - RATEAU SOC
- [X] US 2698128 A 19541228 - AULT JAMES R, et al
- [XA] US 2219499 A 19401029 - TROLLER THEODOR H
- [X] DE 20115410 U1 20011206 - SUNONWEALTH ELECTR MACH IND CO [TW]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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