

Title (en)
Duct blower

Title (de)
Rohrlüfter

Title (fr)
Ventilateur pour conduit

Publication
EP 1462659 A2 20040929 (DE)

Application
EP 04006335 A 20040317

Priority
DE 10313991 A 20030327

Abstract (en)
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.

Abstract (de)
Die Erfindung betrifft einen Rohrlüfter mit einem Lüfterrad (3) und einem Leitapparat (6), wobei das Lüfterrad (3) von einem Motor (5) antreibbar ist, und wobei der Leitapparat (6) eine Mehrzahl von Leitschaufeln (7) aufweist, die mit dem Rohr (1) verbindbar sind. <IMAGE>

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)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1462659 A2 20040929; **EP 1462659 A3 20050713**; DE 10313991 A1 20041007; US 2004265126 A1 20041230

DOCDB simple family (application)
EP 04006335 A 20040317; DE 10313991 A 20030327; US 80978404 A 20040326