

Title (en)
Fan

Title (de)
Lüfter

Title (fr)
Ventilateur

Publication
EP 0826884 A3 19981104 (DE)

Application
EP 97110004 A 19970619

Priority
DE 19635179 A 19960830

Abstract (en)
[origin: EP0826884A2] The ventilator has a rotor (1), connected to a drive shaft (5) via a driver element (4). The element has at least one axial and one radial contact surface (7,8), and the rotor engages on these with similar axial and radial contact faces (23.2). The driver element has at least three radial arms (6). It is pressed onto the shaft, and connected to the rotor via a screw connection (11), which acts with a flexible material. The driver element has an anti-corrosion coating. Driver element and/or rotor have integrated positioning aids.

IPC 1-7
F04D 29/26

IPC 8 full level
F04D 29/26 (2006.01)

CPC (source: EP)
F04D 29/263 (2013.01)

Citation (search report)
• [X] US 3885888 A 19750527 - WARHOL JOHN G
• [X] DE 3339075 A1 19850509 - STIEBEL ELTRON GMBH & CO KG [DE]
• [X] DE 9205097 U1 19930805
• [DA] DE 4415915 C1 19950622 - SIEMENS AG [DE]

Cited by
DE10136729A1; EP1892421A3; FR2801647A1; DE10058935B4; FR2805573A1; DE10109299B4; PL422799A1; US6527516B2; WO0171196A1

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

DOCDB simple family (publication)
EP 0826884 A2 19980304; EP 0826884 A3 19981104; EP 0826884 B1 20030903; DE 19635179 A1 19980305; DE 59710679 D1 20031009; ES 2206631 T3 20040516

DOCDB simple family (application)
EP 97110004 A 19970619; DE 19635179 A 19960830; DE 59710679 T 19970619; ES 97110004 T 19970619