

Title (en)
Fan casing

Title (de)
Lüftergehäuse

Title (fr)
Boîtier d'un ventilateur

Publication
EP 1754892 A1 20070221 (DE)

Application
EP 06010905 A 20060527

Priority
DE 202005013419 U 20050819

Abstract (en)
The fan has a bar (51) extending transverse to an air passage opening and designed according to the type of a groove, which serves for receiving an electrical line. A cord grip device (50) is formed partially in the area of the preset position of the fan casing. The cord grip device is provided for securing the cord grip in favor to a side of the electrical line guiding to a motor by diverting the electrical line at two diverting positions and two levels running under a preset angle to each other. An opening in a lower fixation flange is accessible from outside via a spiral shaped channel.

IPC 8 full level
F04D 19/00 (2006.01); **F04D 25/06** (2006.01); **F04D 29/52** (2006.01)

CPC (source: EP US)
F04D 25/0613 (2013.01 - EP US); **F04D 25/0693** (2013.01 - EP US); **F04D 29/526** (2013.01 - EP US)

Citation (applicant)
WO 2004046557 A1 20040603 - EBM PAPST ST GEORGEN GMBH & CO [DE], et al

Citation (search report)
• [X] US 4636669 A 19870113 - PLUNKETT LARRY E [US], et al
• [X] DE 1964890 A1 19710701 - PAPST MOTOREN KG
• [A] DE 20002878 U1 20000518 - DELTA ELECTRONICS INC [TW]
• [A] US 3310698 A 19670321 - ALFRED KRELL
• [A] US 5407324 A 19950418 - STARNES JR WILLIE L [US], et al
• [A] US 4773828 A 19880927 - HAGIWARA IPPEI [JP], et al
• [A] US 5189327 A 19930223 - OOTSUKA SHIGERU [JP], et al

Cited by
CN102444620A; EP2075473A1; US8616859B2; WO2009065649A1; TWI555915B

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 06010905 A 20060527; AT 06010905 T 20060527; DE 502006005443 T 20060527; US 46393006 A 20060811