

Title (en)
Fan wheel

Title (de)
Lüfterrad

Title (fr)
Roue de ventilateur

Publication
EP 1712800 A1 20061018 (DE)

Application
EP 06007889 A 20060413

Priority
DE 202005006043 U 20050414

Abstract (en)
The fan impeller (1) has a hub (2) with several vanes (4) extending radially out from it, and a ring (7) installed co-axially with the hub and radially between the hub and outside diameter of the impeller. The ring has several defined fastening positions distributed over its circumference for the attaching of at least one balance weight. The fastening positions are formed by a profiling (9) of the ring which is provided exclusively between the spaced apart vanes.

IPC 8 full level
F04D 29/66 (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)
F04D 29/326 (2013.01 - EP US); **F04D 29/662** (2013.01 - EP US)

Citation (search report)

- [X] US 6358009 B1 20020319 - LINK LARRY RAY [US]
- [X] EP 1111245 A2 20010627 - BORGWARNER INC [US]
- [A] EP 0921319 A2 19990609 - HARVARD IND INC [US]
- [A] US 6156090 A 20001205 - ISHIKAWA TOMINORI [JP], et al
- [A] US 5380156 A 19950110 - IACOVINO ROBERT [US]

Cited by
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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)
US 2006233646 A1 20061019; AT E486223 T1 20101115; DE 202005006043 U1 20050818; DE 502006008160 D1 20101209; EP 1712800 A1 20061018; EP 1712800 B1 20101027; ES 2354656 T3 20110316; PT 1712800 E 20110114

DOCDB simple family (application)
US 40232306 A 20060411; AT 06007889 T 20060413; DE 202005006043 U 20050414; DE 502006008160 T 20060413; EP 06007889 A 20060413; ES 06007889 T 20060413; PT 06007889 T 20060413