

Title (en)
Fan rotor

Title (de)
Lüfterrad

Title (fr)
Roue de ventilateur

Publication
EP 0843101 A3 19990825 (DE)

Application
EP 97112670 A 19970724

Priority
DE 19647612 A 19961118

Abstract (en)
[origin: EP0843101A2] The fan wheel consists of a cast disc on which there is a large number of rearward-curved air scoops (16). These run starting from a region (14) close to the hub (12) more or less parallel to each other and curved backwards to the external circumference of the disc. The scoops may start from a deeper annular region close to the hub and may extend over at least the outer half of the radius of this region. The wheel may be a pressure casting or a sand casting, or may be moulded from sheet metal.

IPC 1-7
F04D 29/28

IPC 8 full level
F04D 29/28 (2006.01)

CPC (source: EP)
F04D 29/281 (2013.01)

Citation (search report)

- [X] DE 2747104 A1 19790426 - ZENKNER KURT DR ING
- [A] US 4666373 A 19870519 - SUGIURA EIICHI [JP]
- [A] DE 8518403 U1 19850808
- [A] US 3788765 A 19740129 - RUSAK V
- [A] FR 551607 A 19230410 - ANCIENS ETABLISSEMENTS GROUVEL
- [A] EP 0418027 A1 19910320 - FORD MOTOR CO [GB], et al

Cited by
EP1013938A1; EP2357365A3; US6340291B1

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)
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