

Title (en)
BLOWER WHEEL

Title (de)
LAUFRAD

Title (fr)
TURBINE

Publication
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Application
EP 06762397 A 20060704

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Abstract (en)
[origin: WO2007003416A1] The invention relates to a blower wheel, especially a plastic blower wheel for a cylindrical rotor radial fan for the heating and air-conditioning systems of a motor vehicle. Said blower wheel comprises a plurality of blades (2), and the flow channel (3) between two blades (2) is embodied in such a way that it is convergent on the inflow side, divergent on the outflow side, and distinctively shaped.

IPC 8 full level
F04D 29/28 (2006.01); **F04D 29/30** (2006.01)

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F04D 29/283 (2013.01 - EP US); **F04D 29/30** (2013.01 - EP US)

Citation (examination)
• US 6033186 A 20000307 - SCHILLING JAN C [US], et al
• EP 1256722 A2 20021113 - TCG UNITECH AG [AT]
• JP 2005155579 A 20050616 - SANDEN CORP
• JP S60156997 A 19850817 - NIPPON DENSO CO

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DOCDB simple family (publication)
WO 2007003416 A1 20070111; CN 101213373 A 20080702; CN 101213373 B 20120509; EP 1902220 A1 20080326; EP 1902220 B1 20120912; JP 2008545086 A 20081211; JP 5240926 B2 20130717; US 2009129933 A1 20090521; US 8337157 B2 20121225

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EP 2006006513 W 20060704; CN 200680024316 A 20060704; EP 06762397 A 20060704; JP 2008518759 A 20060704; US 99474506 A 20060704