

Title (en)
CENTRIFUGAL BLOWER AND AIR CONDITIONAER WITH CENTRIFUGAL BLOWER

Title (de)
ZENTRIFUGALGEBLÄSE UND KLIMAANLAGE MIT ZENTRIFUGALGEBLÄSE

Title (fr)
VENTILATEUR CENTRIFUGE ET CLIMATISEUR ÉQUIPÉ D'UN VENTILATEUR CENTRIFUGE

Publication
EP 1783374 A4 20100224 (EN)

Application
EP 05765682 A 20050714

Priority

- JP 2005013039 W 20050714
- JP 2004207288 A 20040714
- JP 2004366076 A 20041217
- JP 2005195654 A 20050705

Abstract (en)
[origin: EP1783374A1] A centrifugal blower having a hub (2), to an axis section of which a rotating shaft (4a) of a motor (4) is connected, and a blade wheel (1) provided with blades (3) that are stood on the outer periphery of the hub (2) at predetermined spacings in a circumferential direction and whose front edge (3a) is inclined forward in a rotation direction, wherein a bellmouth (5) having an air suction opening (6) is provided on the air suction side of the blade wheel (1). A circulation flow f 2 is formed, in which the flow flows from the blowout side of the blade wheel (1) through the rear side of the air suction opening (6) in the bellmouth (5) to the blade wheel (1) into which the flow is sucked again.

IPC 8 full level
F04D 29/28 (2006.01); **F04D 29/30** (2006.01); **F04D 29/44** (2006.01); **F04D 29/68** (2006.01); **F24F 1/00** (2011.01)

CPC (source: EP US)
F04D 29/162 (2013.01 - EP); **F04D 29/282** (2013.01 - EP US); **F04D 29/667** (2013.01 - EP); **F04D 29/681** (2013.01 - US)

Citation (search report)

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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

DOCDB simple family (publication)
EP 1783374 A1 20070509; EP 1783374 A4 20100224; AU 2005260828 A1 20060119; AU 2005260828 B2 20090115; AU 2005260828 B8 20090129; CN 1985092 A 20070620; CN 1985092 B 20110907; JP 2006194235 A 20060727; JP 3879764 B2 20070214; US 2007251680 A1 20071101; WO 2006006668 A1 20060119

DOCDB simple family (application)
EP 05765682 A 20050714; AU 2005260828 A 20050714; CN 200580023831 A 20050714; JP 2005013039 W 20050714; JP 2005195654 A 20050705; US 63216005 A 20050714