

Title (en)
AIR CONDITIONER FAN

Title (de)
KLIMAANLAGENGEBLÄSE

Title (fr)
VENTILATEUR DE CLIMATISEUR

Publication
EP 2102506 A4 20121003 (EN)

Application
EP 07833314 A 20071012

Priority
• KR 2007005003 W 20071012
• KR 20060139065 A 20061229

Abstract (en)
[origin: US2008159872A1] A fan of an air conditioner is provided. A discharge portion of a hub of the fan increases in outer diameter toward a discharge end of the hub such that air can diverge from the hub. The hub accommodates a portion of a motor such that the fan can vibrate less when the motor operates.

IPC 8 full level
F04D 25/06 (2006.01); **F24F 1/38** (2011.01); **F04D 29/32** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP KR US)
F04D 25/0613 (2013.01 - EP US); **F04D 29/32** (2013.01 - KR); **F04D 29/329** (2013.01 - EP US); **F04D 29/54** (2013.01 - KR); **F24F 1/38** (2013.01 - EP KR US); **F24F 13/24** (2013.01 - EP US)

Citation (search report)
• [X1] WO 0004292 A1 20000127 - KEENLINK INTERNATIONAL LTD [CN], et al
• [X1] DE 19754369 A1 19980709 - VALEO CLIMATISATION [FR]
• [X1] US 6217285 B1 20010417 - KUROKAWA MICHIIHIRO [JP], et al
• [X1] EP 1033494 A2 20000906 - TEMIC AUTO ELECTR MOTORS GMBH [DE]
• [X1] EP 0780579 A1 19970625 - TEMIC AUTO ELECTR MOTORS GMBH [DE]
• [X1] EP 1688622 A2 20060809 - DELPHI TECH INC [US]
• [X1] FR 2536221 A1 19840518 - VALEO [FR]
• See references of WO 2008082061A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008159872 A1 20080703; EP 2102506 A1 20090923; EP 2102506 A4 20121003; KR 20080062891 A 20080703;
WO 2008082061 A1 20080710

DOCDB simple family (application)
US 87628807 A 20071022; EP 07833314 A 20071012; KR 20060139065 A 20061229; KR 2007005003 W 20071012