

Title (en)  
BLOWER

Title (de)  
GEBLÄSE

Title (fr)  
VENTILATEUR

Publication  
**EP 2470793 A2 20120704 (DE)**

Application  
**EP 10739556 A 20100727**

Priority  

- DE 102009028887 A 20090826
- DE 102010001354 A 20100129
- EP 2010060837 W 20100727

Abstract (en)  
[origin: WO2011023477A2] The invention relates to a blower (99), in particular for an engine cooling blower in a motor vehicle, comprising a housing (10) having a cooling air guide device (200), wherein the housing (10) is designed for mounting a drive unit (102, 103) and the cooling air guide device (200) in the motor vehicle, and for guiding a cooling air flow (20, 30, 31, 32) to the drive unit (102, 103), wherein the cooling air guide device (200) is designed as one piece with the housing (10).

IPC 8 full level  
**F04D 25/06** (2006.01); **F04D 25/08** (2006.01); **H02K 1/27** (2006.01); **H02K 5/18** (2006.01)

CPC (source: EP KR US)  
**F04D 25/0613** (2013.01 - EP KR US); **F04D 25/082** (2013.01 - EP KR US); **F04D 29/4226** (2013.01 - KR); **F04D 29/441** (2013.01 - KR);  
**F04D 29/5806** (2013.01 - EP); **H02K 5/18** (2013.01 - KR); **H02K 5/20** (2013.01 - KR); **H02K 5/207** (2021.01 - EP US); **H02K 7/14** (2013.01 - KR);  
**H02K 9/06** (2013.01 - EP KR US); **H02K 5/18** (2013.01 - EP US); **H02K 7/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011023477A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010001354 A1 20110303**; CN 102472290 A 20120523; CN 102472290 B 20151125; EP 2470793 A2 20120704;  
JP 2013503595 A 20130131; JP 5518194 B2 20140611; KR 20120067998 A 20120626; US 2012207631 A1 20120816;  
US 9071099 B2 20150630; WO 2011023477 A2 20110303; WO 2011023477 A3 20111006

DOCDB simple family (application)  
**DE 102010001354 A 20100129**; CN 201080037826 A 20100727; EP 10739556 A 20100727; EP 2010060837 W 20100727;  
JP 2012525959 A 20100727; KR 20127004850 A 20100727; US 201013390783 A 20100727