

Title (en)  
ELECTRIC MACHINE HAVING A COUPLING FLANGE

Title (de)  
ELEKTRISCHE MASCHINE MIT EINEM KUPPLUNGSFLANSCH

Title (fr)  
MACHINE ÉLECTRIQUE A BRIDE D'ACCOUPLEMENT

Publication  
**EP 2965406 A2 20160113 (FR)**

Application  
**EP 14711007 A 20140304**

Priority  
• FR 1351892 A 20130304  
• IB 2014059417 W 20140304

Abstract (en)  
[origin: WO2014136042A2] The present invention concerns an electric machine (1), in particular an alternator, intended to be coupled to a driving or driven machine, in particular a heat engine, comprising: -a coupling flange (20) for coupling to the driving or driven machine, housing a fan (30) driven by the rotor, said flange comprising: -a rear portion (21) linked to a fixed portion (10) of the electric machine, -an interfacing front portion (22) interfacing with the driving or driven machine, said interfacing front portion being mounted on the rear portion (21), the front portion (22) having a central opening, the fan having a diameter greater than that of the central opening, -at least one air deflector secured to the flange (20).

IPC 8 full level  
**H02K 9/06** (2006.01)

CPC (source: EP US)  
**H02K 5/22** (2013.01 - US); **H02K 9/06** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014136042A2

Citation (examination)  
US 4643282 A 19870217 - EDL JOSEF [DE]

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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**FR 3002822 A1 20140905; FR 3002822 B1 20170414**; CN 203984161 U 20141203; EP 2965406 A2 20160113; US 2016020665 A1 20160121; US 9893589 B2 20180213; WO 2014136042 A2 20140912; WO 2014136042 A3 20141120

DOCDB simple family (application)  
**FR 1351892 A 20130304**; CN 201320659859 U 20131024; EP 14711007 A 20140304; IB 2014059417 W 20140304; US 201414772806 A 20140304