

Title (en)

ELECTRIC MACHINE COMPRISING ELECTRIC TERMINALS, PLUG, AND PLUG-IN CONNECTION

Title (de)

ELEKTRISCHE MASCHINE MIT ELEKTRISCHEN ANSCHLÜSSEN, STECKER UND STECKVERBINDUNG

Title (fr)

MACHINE ÉLECTRIQUE À CONNECTEURS ÉLECTRIQUES, PRISE ET SYSTÈME DE CONNEXION PAR ENFICHAGE

Publication

EP 2297449 A2 20110323 (DE)

Application

EP 09772521 A 20090702

Priority

- EP 2009058358 W 20090702
- DE 102008040107 A 20080703

Abstract (en)

[origin: WO2010000821A2] Described is an electric machine (1) in a vehicle, in particular a starter or a starting device for starting an internal combustion engine, comprising at first electric terminal (2) and at least one second electric terminal (3). In order to make it easier and less expensive to design and assemble the electric machine in a vehicle, the at least two electric terminals (2, 3) are arranged such that an electric connection to the at least two terminals (2, 3) can be established by means of a connecting device that forms a unit and has at least two electric power cables.

IPC 1-7

H01R 24/14

IPC 8 full level

F02N 11/00 (2006.01); **H01R 13/621** (2006.01); **H01R 13/627** (2006.01); **H01R 103/00** (2006.01)

CPC (source: EP US)

F02N 11/00 (2013.01 - EP US); **H01R 24/20** (2013.01 - EP US); **H01R 24/66** (2013.01 - EP US); **F02D 2400/22** (2013.01 - EP US); **H01R 13/621** (2013.01 - EP US); **H01R 13/627** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/10** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US); **Y10T 29/49009** (2015.01 - EP US)

Citation (search report)

See references of WO 2010000821A2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008040107 A1 20100107; CN 102138275 A 20110727; EP 2297449 A2 20110323; JP 2011526664 A 20111013; JP 5250105 B2 20130731; US 2011168115 A1 20110714; US 8967108 B2 20150303; WO 2010000821 A2 20100107; WO 2010000821 A3 20100318

DOCDB simple family (application)

DE 102008040107 A 20080703; CN 200980134225 A 20090702; EP 09772521 A 20090702; EP 2009058358 W 20090702; JP 2011515466 A 20090702; US 200913002401 A 20090702