

Title (en)
DRIVE DEVICE FOR A HYBRID-DRIVE MOTOR VEHICLE

Title (de)
ANTRIEBSVORRICHTUNG FÜR EIN HYBRIDGETRIEBENES KRAFTFAHRZEUG

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT POUR UN VÉHICULE AUTOMOBILE À FONCTIONNEMENT HYBRIDE

Publication
EP 3215382 A1 20170913 (DE)

Application
EP 15790838 A 20151103

Priority
• DE 102014016172 A 20141103
• EP 2015002202 W 20151103

Abstract (en)
[origin: WO2016070986A1] The invention relates to a drive device for a hybrid-powered motor vehicle, comprising an internal combustion engine (11) and at least one electric machine (16) arranged axially parallel to same, which separately or together provide output to the input shaft (38) of a speed change transmission (14), wherein the electric machine (16) is connected to the force delivery shaft (30) of the internal combustion engine (11) via a torque transmission connection (28) and same is connected in a driving manner to the coaxially aligned transmission input shaft (38) by intermediately connecting at least one coupling (K0). According to the invention, the electric engine (16) is mounted directly onto the internal combustion engine (11) or integrated therein. In addition, the cylinder crankcase (12a) is extended by a housing section (12b) in which the torque transmission connection (28) is arranged.

IPC 8 full level
B60K 6/50 (2007.10); **B60K 5/02** (2006.01); **B60K 6/40** (2007.10); **B60K 6/405** (2007.10); **B60K 6/48** (2007.10)

CPC (source: CN EP US)
B60K 6/40 (2013.01 - EP US); **B60K 6/405** (2013.01 - EP US); **B60K 6/48** (2013.01 - EP US); **B60K 25/02** (2013.01 - CN EP US); **B60K 6/24** (2013.01 - US); **B60K 6/26** (2013.01 - US); **B60K 6/50** (2013.01 - US); **B60K 2006/4825** (2013.01 - EP US); **B60K 2006/4833** (2013.01 - EP); **B60K 2025/005** (2013.01 - CN EP US); **B60K 2025/022** (2013.01 - CN EP US); **Y02T 10/62** (2013.01 - EP)

Citation (search report)
See references of WO 2016070986A1

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)
DE 102014016172 A1 20160504; CN 107107747 A 20170829; CN 107107747 B 20200407; EP 3215382 A1 20170913; US 10730387 B2 20200804; US 2018304747 A1 20181025; WO 2016070986 A1 20160512

DOCDB simple family (application)
DE 102014016172 A 20141103; CN 201580059384 A 20151103; EP 15790838 A 20151103; EP 2015002202 W 20151103; US 201515523886 A 20151103