

Title (en)

DRIVE TRAIN FOR A HYBRID VEHICLE

Title (de)

ANTRIEBSSTRANG FÜR EIN HYBRIDFAHRZEUG

Title (fr)

CHAÎNE CINÉMATIQUE POUR UN VÉHICULE HYBRIDE

Publication

**EP 2969621 A1 20160120 (DE)**

Application

**EP 14709936 A 20140312**

Priority

- AT 501762013 A 20130315
- EP 2014054833 W 20140312

Abstract (en)

[origin: WO2014140096A1] The invention relates to a drive train (1) for a hybrid vehicle, comprising an internal combustion engine (ICE), at least one electric machine (EM1, EM2), and a power-split transmission (4) having three connections (4a, 4b, 4c), wherein a first connection (4a) has a drive connection to at least one electric machine (EM2), a second connection (4b) has a drive connection to the internal combustion engine (ICE), and a third connection (4c) preferably formed by a summation shaft (s) has a drive connection to an output shaft (2) of the vehicle. Furthermore, a torque guiding module (5) formed by a two-course four-shaft transmission is connected to the first connection (4a).

IPC 8 full level

**B60K 6/445** (2007.10); **F16H 3/72** (2006.01); **F16H 37/10** (2006.01)

CPC (source: AT EP)

**B60K 6/543** (2013.01 - AT); **F16H 3/727** (2013.01 - EP); **F16H 2037/102** (2013.01 - EP); **F16H 2200/201** (2013.01 - EP)

Citation (search report)

See references of WO 2014140096A1

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)

**WO 2014140096 A1 20140918**; AT 513986 A4 20140915; AT 513986 B1 20140915; CN 105307889 A 20160203; EP 2969621 A1 20160120; JP 2016511190 A 20160414

DOCDB simple family (application)

**EP 2014054833 W 20140312**; AT 501762013 A 20130315; CN 201480025890 A 20140312; EP 14709936 A 20140312; JP 2015562122 A 20140312