

Title (en)
HYBRID TRANSMISSION, AND DRIVE TRAIN HAVING A HYBRID TRANSMISSION

Title (de)
HYBRIDGETRIEBE SOWIE ANTRIEBSSTRANG MIT HYBRIDGETRIEBE

Title (fr)
TRANSMISSION HYBRIDE ET CHAÎNE CINÉMATIQUE À TRANSMISSION HYBRIDE

Publication
EP 4334151 A1 20240313 (DE)

Application
EP 22715343 A 20220329

Priority
• DE 102021111350 A 20210503
• DE 102022106552 A 20220321
• DE 2022100242 W 20220329

Abstract (en)
[origin: WO2022233357A1] The invention relates to a hybrid transmission (1) for a hybrid vehicle, comprising a first torque drive train that includes an input shaft (3) connectable to an internal combustion engine (2) as well as a first electric machine (4) torque-transmittingly connected to the input shaft (3), further comprising a second torque drive train that includes a second electric machine (5), also comprising an output shaft (6) that can be or is torque-transmittingly connected to the first torque drive train and/or the second torque drive train, and comprising a first disconnect clutch (7) that torque-transmittingly connects or disconnects the first torque drive train to or from the output shaft (6), the hybrid transmission (1) being equipped with a second disconnect clutch (8) that torque-transmittingly connects or disconnects the second torque drive train to or from the output shaft (6). The invention further relates to a drive train (25) for a hybrid vehicle, comprising such a hybrid transmission (1) and an internal combustion engine (2) that is torque-transmittingly connected to the input shaft (3) of the hybrid transmission (1).

IPC 8 full level
B60K 6/36 (2007.10); **B60K 6/387** (2007.10); **B60K 6/40** (2007.10); **B60K 6/442** (2007.10); **F16D 7/02** (2006.01); **F16D 43/21** (2006.01)

CPC (source: EP KR US)
B60K 6/36 (2013.01 - EP KR US); **B60K 6/387** (2013.01 - EP KR US); **B60K 6/40** (2013.01 - EP KR); **B60K 6/442** (2013.01 - EP KR US); **B60K 6/547** (2013.01 - US); **B60Y 2200/92** (2013.01 - KR); **Y02T 10/62** (2013.01 - EP KR)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022233357 A1 20221110; EP 4334151 A1 20240313; KR 20230137384 A 20231004; US 2024198783 A1 20240620

DOCDB simple family (application)
DE 2022100242 W 20220329; EP 22715343 A 20220329; KR 20237028777 A 20220329; US 202218287353 A 20220329