

Title (en)

CLUTCH DEVICE, HYBRID MODULE AND DRIVE TRAIN

Title (de)

KUPPLUNGSEINRICHTUNG, HYBRIDMODUL UND ANTRIEBSSTRANG

Title (fr)

DISPOSITIF D'EMBRAYAGE, MODULE HYBRIDE ET CHAÎNE CINÉMATIQUE

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Application

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Abstract (en)

[origin: WO2019052596A1] The invention relates to a clutch device, a hybrid module and a drive train for a motor vehicle. The clutch device comprises a separating clutch (10) with which torque can be transmitted from the internal combustion engine to the clutch device and with which the clutch device can be separated from the internal combustion engine; a coupling element (43) for the mechanical coupling of an electric engine (90) for producing a driving torque, and a main torque transmission element, in particular a double clutch device, with which torque can be transmitted from the coupling element of the electric engine and/or from the separating clutch (10) to a drive train, wherein the output side of the main torque transmission element is coupled to a shaft (40), in particular to a hollow shaft, and the shaft (40) forms the coupling element (43) for the mechanical coupling of an electric engine (90). With the clutch device proposed here, a device is provided which combines the advantages of a substantially externally arranged electric engine with low friction losses and little axial construction space.

IPC 8 full level

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