

Title (en)

HYBRID MODULE AND DRIVE ARRANGEMENT FOR A MOTOR VEHICLE

Title (de)

HYBRIDMODUL UND ANTRIEBSANORDNUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

MODULE HYBRIDE ET DISPOSITIF D'ENTRAÎNEMENT POUR VÉHICULE AUTOMOBILE

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Application

EP 18724446 A 20180430

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Abstract (en)

[origin: WO2018219385A1] The invention relates to a hybrid module and to a drive arrangement for a motor vehicle for coupling an internal combustion engine. The hybrid module (10) comprises a disconnecting clutch (20) with which torque can be transmitted from the internal combustion engine to the hybrid module (10) and with which the hybrid module (10) can be disconnected from the internal combustion engine; an electric machine (30) for generating a drive torque with a rotor (31); and a double-clutch device (40) with which torque can be transmitted from the electric machine (30) and/or from the disconnecting clutch (20) to a drivetrain, with a first partial clutch (41) and a second partial clutch (42), wherein one side of a respective clutch (20, 41, 42) can be mounted axially and radially on a transmission input shaft (81). With the hybrid module proposed here, a device for transmitting torque is made available which permits the use of, in particular, dry clutches which are very space-saving and largely integrated into the rotor.

IPC 8 full level

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CPC (source: EP)

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