

Title (en)  
COUPLING DEVICE FOR A HYBRID POWER TRAIN THAT OPERATES IN AT LEAST TWO, ELECTRICAL/COMBUSTION - ELECTRICAL MODES, INTENDED FOR A VEHICLE

Title (de)  
KOPPLUNGSVORRICHTUNG FÜR EINEN HYBRIDANTRIEBSZUG MIT MINDESTENS ZWEI BETRIEBSMODI (ELEKTRISCH UND ELEKTRISCH/MIT VERBRENNUNG) FÜR EIN FAHRZEUG

Title (fr)  
DISPOSITIF D'ACCOUPLEMENT POUR UNE MOTORISATION HYBRIDE A FONCTIONNEMENT SELON AU MOINS DEUX MODES ELECTRIQUE/THERMIQUE-ELECTRIQUE D'UN VEHICULE

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Application  
**EP 08845614 A 20081024**

Priority  
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Abstract (en)  
[origin: WO2009056747A2] The subject of the invention is a coupling device (10) for a hybrid drive train that operates in at least two, electrical/ combustion - electrical, modes intended for a vehicle, the said coupling device (10) comprising a first drive shaft (18) coupled to an electric motor (14) and a second drive shaft (20) coupled to a combustion engine (12), the said coupling device (10) being characterized in that it comprises at least one main shaft (22) that can be coupled by respective first or second transmission means (24, 26) to the respectively first or second drive shaft (18, 20) under the action of selection means (28) that can adopt a first position and a second position such that, when the selection means (28) are in the first position, the main shaft (22) is coupled respectively to the first, or the second, drive shaft (18, 20) by respectively the first, or the second, transmission means (24, 26) and when the selection means (28) are in the second position, the main shaft (22) is coupled to the first drive shaft (18) by the first transmission means (24).

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See references of WO 2009056747A2

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