

Title (en)
AUXILIARY ASSEMBLY DRIVE FOR A MOTOR VEHICLE

Title (de)
NEBENAGGREGATANTRIEB FÜR EIN KRAFTFAHRZEUG

Title (fr)
PRISE DE MOUVEMENT AUXILIAIRE POUR UN VÉHICULE AUTOMOBILE

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Application
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Abstract (en)
[origin: WO2008017436A2] The invention relates to an auxiliary assembly drive for a motor vehicle having a planetary gear mechanism, with a first element (S) of the planetary gear mechanism (P) exchanging power with a first electrical machine (EM1), a second element (PT) exchanging power with an internal combustion engine (VM), and a third element (H1) exchanging power with at least one auxiliary assembly (AG). In order to have a high degree of efficiency both during starting of the internal combustion engine and during driving of the vehicle by the first electrical machine (EM1), the auxiliary assembly drive has a first clutch (KVE) by means of which the internal combustion engine (VM) can be coupled to the first electrical machine (EM1), and a first freewheel (FAG) by means of which the third element (H1) of the planetary gear mechanism (P) can be rotated only in one direction of rotation.

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