

Title (en)
DRIVE TRAIN HAVING AN AUTOMATED AUXILIARY TRANSMISSION

Title (de)
ANTRIEBSSTRANG MIT EINEM AUTOMATISIERTEN GRUPPENGETRIEBE

Title (fr)
CHAÎNE CINÉMATIQUE PRÉSENTANT UNE BOÎTE DE VITESSES AUXILIAIRE AUTOMATIQUE

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Application
EP 10785027 A 20101122

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Abstract (en)
[origin: WO2011072986A1] The invention relates to a drive train of a motor vehicle, having a hybrid drive comprising an internal combustion engine (VM) and an electrical engine (EM), and having an automated auxiliary transmission (CT) connected between the hybrid drive and an axle drive (AB), wherein the auxiliary drive (CT) has at least one primary transmission (HG), implemented in a countershaft design, having a primary shaft (WH) and at least one countershaft (WVG1, WVG2), a front-mounted unit (GV), upstream of the primary transmission (HG) in respect of drive technology and in particular designed as a split unit, and/or a rear-mounted unit (GP), downstream of the primary transmission (HG) in respect of drive technology and in particular designed as a range unit, wherein an input shaft (WGE) of the auxiliary transmission (CT) is connected to the internal combustion engine (VM) via a controllable starting clutch (AK) and an output shaft (WGA) of the auxiliary transmission (CT) is connected to the axle drive (AB), and wherein the electrical engine (EM) of the hybrid drive is connected to the or each countershaft (WVG1, WVG2).

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