

Title (en)

TRANSMISSION FOR A MOTOR VEHICLE, AND DRIVE TRAIN FOR A MOTOR VEHICLE

Title (de)

GETRIEBE FÜR EIN KRAFTFAHRZEUG, SOWIE ANTRIEBSSTRANG FÜR EIN KRAFTFAHRZEUG

Title (fr)

BOÎTE DE VITESSES DE VÉHICULE AUTOMOBILE, ET CHAÎNE CINÉMATIQUE DE VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2017198442A1] The invention relates to a transmission (G) for a motor vehicle, wherein the transmission (G) has an input shaft (GW1), an output shaft (GW2), a front-mounted gear set (VRS) having a first planetary gear set (P1) and a second planetary gear set (P2), a main gear set (HRS), an electric machine (EM) having a rotationally fixed stator (S) and a rotatable rotor (R), and a plurality of shifting elements (57, 07, 08, 04, 13, 14; 204, 234, 214; 304, 314; 403, 414, 445), wherein a plurality of fixed gear ratios (1 to 7; 21 to 25; 31 to 38) can be provided between the input shaft (GW1) and the output shaft (GW2) by selectively closing three of the shifting elements (57, 07, 08, 04, 13, 14; 204, 234, 214; 304, 314; 403, 414, 445), wherein the two planetary gear sets (P1, P2) of the front-mounted gear set (VRS) comprise exactly three further shafts in addition to the first and second shafts (Wx1, Wx2), namely a third shaft (Wx3), a fourth shaft (Wx4), and a fifth shaft (Wx5). The invention further relates to a drive train for a motor vehicle having such a transmission (G).

IPC 8 full level

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