

Title (en)
TRANSMISSION FOR A MOTOR VEHICLE

Title (de)
GETRIEBE FÜR EIN KRAFTFAHRZEUG

Title (fr)
TRANSMISSION DE VÉHICULE À MOTEUR

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Application
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Abstract (en)
[origin: WO2013187822A1] A transmission system for a motor vehicle, comprising: - a double clutch main gear unit (10) comprising two input shafts (11,12), an output shaft (5) and one or a plurality of layshafts (13, 14), - an output shaft (5), - a range gear unit (30), - a bypass shaft (50), by means of which at least one of the input shafts is connectable to the output shaft to establish a torque transfer path from said input shaft to the output shaft without passing through the range gear unit during a shifting of gears in the range gear unit, wherein said layshafts and the bypass shaft are mutually non-coaxial, - a first gear train (K1) for transferring torque from said input shaft to the bypass shaft, wherein said gear train comprises a first gearwheel (K1 a) arranged on said input shaft and a second gearwheel (K1 b) arranged on the bypass shaft, and - a second gear train (K2) for transferring torque from the bypass shaft to the output shaft, wherein said gear train comprises a first gearwheel (K2a) arranged on the bypass shaft and a second gearwheel (K2b) arranged on the output shaft.

IPC 8 full level
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