

Title (en)
TRANSMISSION FOR A MOTOR VEHICLE

Title (de)
GETRIEBE FÜR EIN KRAFTFAHRZEUG

Title (fr)
TRANSMISSION POUR VÉHICULE AUTOMOBILE

Publication
EP 2943700 A1 20151118 (DE)

Application
EP 13802361 A 20131209

Priority
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• EP 2013075879 W 20131209

Abstract (en)
[origin: WO2014108259A1] Disclosed is a transmission (1), in particular a dual-clutch transmission, for a motor vehicle, comprising at least two sub-transmissions (2, 3), each sub-transmission (2, 3) having at least one input shaft (EW1, EW2), the at least two input shafts (EW1, EW2) being arranged on a input drive end (AN) on an input shaft axis (4), an output shaft on an output drive end (AB) as an output drive shaft of the two sub-transmissions (2, 3), a layshaft assembly (6), the layshaft assembly (6) having at least one layshaft axis (5a, 5b) with at least two layshafts (VW1a, VW1b, VW2a, VW2b, VW3a, VW3b, VW4a, VW4b, VW5a), at least one main shaft (HW1, HW2) arranged on the input shaft axis (4), and at least one range group (RG1, RG2), via which at least one main shaft (HW1, HW2) can be connected to the output drive shaft, at least one of the input shafts (EW1, EW2) being connectable to the output drive shaft via at least one gear plane (I, II, III, IV, V, VI, VII, VIII, IX, X, XI) and/or via at least one shift element (S11, S12, S21, S22, S31, S41, S42, S51, S52, S61) and/or via at least one main shaft (HW1, HW2), characterised in that N shift devices (SE1, SE2, SE3, SE4, SE5, SE6) are arranged, at most one of the N shift devices (SE1, SE2, SE3, SE4, SE5, SE6) being arranged on the at least one layshaft axis (5a, 5b) and N being a number greater than or equal to three, and in that the first three of the N shift devices (SE1, SE2, SE3, SE4, SE5, SE6) are arranged torque-downstream of the input drive end (AN) of the transmission (1) on the input shaft axis (4).

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B60K 6/48 (2013.01 - US); **B60K 6/54** (2013.01 - US); **F16H 3/097** (2013.01 - US); **F16H 37/046** (2013.01 - EP US);
F16H 3/006 (2013.01 - EP US); **F16H 2003/0818** (2013.01 - US); **F16H 2003/0822** (2013.01 - US); **F16H 2003/0933** (2013.01 - EP US);
F16H 2200/0056 (2013.01 - EP US); **F16H 2200/0073** (2013.01 - EP US); **F16H 2200/0078** (2013.01 - EP US);
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Citation (search report)
See references of WO 2014108259A1

Cited by
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