

Title (en)
DOUBLE-CLUTCH GEARBOX

Title (de)
DOPPELKUPPLUNGSGETRIEBE

Title (fr)
BOITE DE VITESSES A DOUBLE EMBRAYAGE

Publication
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Application
EP 06743748 A 20060426

Priority
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Abstract (en)
[origin: WO2006125876A1] The invention concerns a gearbox comprising two primary shafts (2, 4), each connected to a clutch (C1, C2) coupled to an engine, and at least one secondary shaft (10), each primary shaft (2, 4) capable of being rotatably coupled with a secondary shaft (10), by the engagement of two ratios which in direct use constitute two gears of the gearbox. The invention is characterized in that the primary shafts can be rotatably linked with each other along a common rotational direction, through the engagement of two transfer links (T1, T2) arranged on the auxiliary shaft (30), each being implemented by the engagement of a single synchronizing sleeve (16, 22), the first transfer link (T1) providing from the rotation of the first primary shaft (2) a reduced speed of the second primary shaft (4), the second transfer link (T2) providing a greater reduction of the speed of the second primary shaft (4).

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