

Title (en)
DUAL CLUTCH GEARBOX

Title (de)
GETRIEBEKASTEN MIT DOPPELKUPPLUNG

Title (fr)
BOITE DE VITESSES A DOUBLE EMBRAYAGE

Publication
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Application
EP 10790585 A 20101029

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Abstract (en)
[origin: WO2011051636A1] The present invention relates to a gearbox (1, 1') for a vehicle, comprising a first primary shaft (51) carrying drive pinions (53) associated with the even-numbered gears and with reverse gear, a second primary shaft (52) bearing drive pinions (54) associated with the odd-numbered gears, first (61) and second (62) secondary shafts bearing a plurality of driven pinions (63, 64), said driven pinions (63, 64) being mounted freely on said secondary shafts (61, 62), synchronizers (7) carried by the two secondary shafts (61, 62), each synchronizer (7) being positioned between two driven pinions (63, 64), allowing each of said driven pinions (63, 64) to be dog-coupled selectively to the secondary shaft (61, 62) that supports it, said gearbox comprising seven forward gears, each forward gear being defined by a meshing pair comprising a drive pinion (51, 52) in constant mesh with a driven pinion (53, 54), such that a second-gear driven pinion (64.2) is positioned on the same secondary shaft (62) as a first-gear driven pinion (64.1).

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