

Title (en)  
MULTI-SPEED GEARBOX

Title (de)  
MEHRSTUFENGETRIEBE

Title (fr)  
BOÎTE DE VITESSES MULTI-ÉTAGÉE

Publication  
**EP 2864668 A1 20150429 (DE)**

Application  
**EP 13723097 A 20130514**

Priority  
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Abstract (en)  
[origin: WO2014000942A1] The invention relates to a multi-speed gearbox having four planetary gear sets (P1, P2, P3, P4), eight rotatable shafts (1, 2, 3, 4, 5, 6, 7, 8) and six shift elements (03, 04, 37, 57, 58, 68), wherein the sun gear of the first planetary gear set (P1) is connected to the seventh shaft (7), which can be connected to the third shaft (3) by means of a first clutch (37), which connects to the sun gear of the second planetary gear set (P2), to the planet carrier of the third planetary gear set (P3) and can be coupled to the housing (G) by means of a first brake (03). The seventh shaft (7) can be connected to the fifth shaft (5) by means of a second clutch (57), which connects to the planet carrier of the third planetary gear set (P3) and can be coupled to the eighth shaft (8) which is connected to the planet carrier of the second planetary gear set (P2) by means of a third clutch (58), which can be connected to the sixth shaft (6) which is connected to the sun gear of the third planetary gear set (P3) and to the sun gear of the fourth planetary gear set (P4) by means of a fourth clutch (68). The input shaft (1) is connected to the planet carrier of the first planetary gear set (P1) and to the ring gear of the second planetary gear set (P2) and the fourth shaft (4) connected to the ring gear of the fourth planetary gear set (P4) can be coupled by means of a second brake (04) to the housing (G) and the output shaft (2) is connected to the ring gear of the first planetary gear set (P1) and to the planet carrier of the fourth planetary gear set (P4).

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