

Title (en)
MULTI-STEP AUTOMATIC GEARBOX

Title (de)
MEHRSTUFEN-AUTOMATGETRIEBE

Title (fr)
BOÎTE DE VITESSES AUTOMATIQUE À PLUSIEURS RAPPORTS

Publication
EP 3047175 A1 20160727 (DE)

Application
EP 14713405 A 20140319

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• DE 102013218941 A 20130920
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Abstract (en)
[origin: WO2015039768A1] The invention relates to a multi-step automatic gearbox of planetary design with a drive shaft (AN), output shaft (AB), four planetary gear sets (RS1, RS2, RS3, RS4) and a plurality of shifting elements (A to F). A first coupler shaft (3) connects the first planetary gear set (RS1) permanently to the fourth planetary gear set (RS4), a second coupler shaft (5) connects the second planetary gear set (RS2) permanently to the third planetary gear set (RS3), and a third coupler shaft (6) connects the third planetary gear set (RS3) permanently to the first planetary gear set (RS1). The drive shaft (AN) is connected permanently to the fourth planetary gear set (RS4), and the output shaft (AB) is connected permanently to the third planetary gear set (RS3). The first planetary gear set (RS1) is connected directly to two shifting elements (A, B), the second planetary gear set (RS2) is connected directly to four shifting elements (C, D, E, F), the third planetary gear set (RS3) is connected directly to two shifting elements (C, D), and the fourth planetary gear set (RS4) is connected directly to four shifting elements (A, C, E, F). The drive shaft (AN) is connected directly only to one shifting element (C). The output shaft (AB) is also connected directly only to one shifting element (D).

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Citation (search report)
See references of WO 2015039768A1

Cited by
CN106122398A

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