

Title (en)

MULTI-STAGE PLANETARY TRANSMISSION

Title (de)

MEHRSTUFENGETRIEBE IN PLANETENBAUWEISE

Title (fr)

BOÎTE DE VITESSES MULTI-ÉTAGÉE À TRAINS PLANÉTAIRES

Publication

EP 2959187 A1 20151230 (DE)

Application

EP 14701084 A 20140122

Priority

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- EP 2014051175 W 20140122

Abstract (en)

[origin: WO2014127946A1] The invention relates to a multi-stage planetary transmission for a vehicle, comprising a housing (11), a first shaft (1) being provided as the drive (An) and a second shaft (2), arranged axially parallel thereto, as the output (Ab). Three planetary gear sets (RS1, RS2, RS3) and additional shafts (3, 4, 5, 6, 7, 8, 9) as well as six shift elements (K1, K2, K3, K4, B1, B2) are provided the actuation of which allows for a plurality of speeds, and machine elements (ST1, ST2) are provided for torque transmission between the drive (An) and the output (Ab). The first shaft (1) as the drive is or can be connected at least to the ring gear (HR3) of the third planetary gear set (RS3) and to the planet carrier (PT2) of the second planetary gear set (RS2), and the second shaft (2) as the output (Ab) is or can be connected to the first machine element (ST1) and to the second machine element (ST2).

IPC 8 full level

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