

Title (en)

MULTI-STAGE PLANETARY TRANSMISSION

Title (de)

MEHRSTUFENGETRIEBE IN PLANETENBAUWEISE

Title (fr)

BOÎTE DE VITESSES MULTI-ÉTAGÉE À TRAINS PLANÉTAIRES

Publication

**EP 2959189 A1 20151230 (DE)**

Application

**EP 14701345 A 20140122**

Priority

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Abstract (en)

[origin: WO2014127947A1] 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 can be connected to the sun gear (SR3) of the third planetary gear set (RS3), to the planet carrier (PT2) of the second planetary gear set (RS2), to the planet carrier (PT3) of the third planetary gear set (RS3) and is or can be connected to the sun gear (SR1) of the first planetary gear set (RS1), 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

**F16H 3/66** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2014127947A1

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