

Title (en)

RANGE-CHANGE TRANSMISSION AND TRANSMISSION ASSEMBLY HAVING A RANGE-CHANGE TRANSMISSION

Title (de)

GRUPPENSCHALTGETRIEBE UND GETRIEBEANORDNUNG MIT EINEM GRUPPENSCHALTGETRIEBE

Title (fr)

BOÎTE DE VITESSES À GROUPES ET SYSTÈME D'ENGRENAGE AVEC BOÎTE DE VITESSES À GROUPES

Publication

EP 3338007 A1 20180627 (DE)

Application

EP 16750827 A 20160810

Priority

- DE 102015215726 A 20150818
- EP 2016069068 W 20160810

Abstract (en)

[origin: WO2017029174A1] The invention relates to a range-change transmission (16) having a group input shaft (22), on which gears (26, 30, 34, 38) of gear pairs of at least two shifting groups (A, B, C) are coaxially arranged, wherein the group input shaft (22) can be brought into a drive connection with a group output shaft (42) by means of a gear pair of a shifting group (A, B, C). The range-change transmission (16) has a second input shaft (24), which is arranged coaxially and rotatably with respect to the group input shaft (22). The invention further relates to a transmission assembly (10) having such a range-change transmission (16).

IPC 8 full level

F16H 3/00 (2006.01); **F16H 37/04** (2006.01); **F16H 57/033** (2012.01)

CPC (source: EP US)

F16H 3/006 (2013.01 - EP US); **F16H 3/087** (2013.01 - US); **F16H 37/042** (2013.01 - EP US); **F16H 57/033** (2013.01 - EP US); **F16H 2200/0043** (2013.01 - EP); **F16H 2200/0078** (2013.01 - US)

Citation (search report)

See references of WO 2017029174A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102015215726 A1 20170223; EP 3338007 A1 20180627; US 11054008 B2 20210706; US 2018172123 A1 20180621; WO 2017029174 A1 20170223

DOCDB simple family (application)

DE 102015215726 A 20150818; EP 16750827 A 20160810; EP 2016069068 W 20160810; US 201815898256 A 20180216