

Title (en)
TRANSMISSION ARRANGEMENT

Title (de)
GETRIEBEANORDNUNG

Title (fr)
DISPOSITIF DE TRANSMISSION

Publication
EP 3259492 A1 20171227 (DE)

Application
EP 16705031 A 20160208

Priority
• DE 102015002029 A 20150217
• EP 2016000202 W 20160208

Abstract (en)
[origin: WO2016131529A1] The invention relates to a transmission arrangement (10) with a first rotatably mounted drive-side shaft (11), which is paired with a first drive toothing (13); a second rotatably mounted drive-side shaft (12), which is paired with a second drive toothing (14); a rotatably mounted output-side shaft (15), which is paired with an output toothing (16); a first number of first planet shafts (17), each of the first planet shafts (17) being paired with a first planet toothing (19) and a third planet toothing (21) in an axially offset manner; and a second number of second planet shafts (18), each of the second planet shafts (18) being paired with a second planet toothing (20) and a fourth planet toothing (22) in an axially offset manner; wherein the first drive-side shaft (11) and the second drive-side shaft (12) run coaxially relative to each other; the first planet toothing (19) of the first planet shafts (17) is in engagement with the first drive toothing (13); the second planet toothing (20) of the second planet shafts (18) is in engagement with the second drive toothing (14); and the third planet toothing (21) of the first planet shafts (17) and the fourth planet toothing (22) of the second planet shafts (18) are in engagement with the output toothing (16).

IPC 8 full level
F16H 1/22 (2006.01); **F16H 37/06** (2006.01); **F16H 37/08** (2006.01)

CPC (source: CN EP KR US)
F16H 1/22 (2013.01 - EP KR US); **F16H 1/2836** (2013.01 - US); **F16H 1/46** (2013.01 - US); **F16H 3/44** (2013.01 - CN); **F16H 1/18** (2013.01 - EP KR US); **F16H 2003/442** (2013.01 - CN)

Citation (search report)
See references of WO 2016131529A1

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 102015002029 A1 20160818; CN 107223188 A 20170929; CN 107223188 B 20191015; EP 3259492 A1 20171227; JP 2018505367 A 20180222; JP 6507265 B2 20190424; KR 102040385 B1 20191104; KR 20170118808 A 20171025; US 10400860 B2 20190903; US 2018023667 A1 20180125; WO 2016131529 A1 20160825

DOCDB simple family (application)
DE 102015002029 A 20150217; CN 201680010777 A 20160208; EP 16705031 A 20160208; EP 2016000202 W 20160208; JP 2017560874 A 20160208; KR 20177026080 A 20160208; US 201615551228 A 20160208