

Title (en)

ACTUATION DEVICE FOR TWO CLUTCHES AND HYBRID TRANSMISSION AND DUAL-CLUTCH TRANSMISSION

Title (de)

BETÄTIGUNGSVORRICHTUNG FÜR ZWEI KUPPLUNGEN SOWIE HYBRIDGETRIEBE UND DOPPELKUPPLUNGSGETRIEBE

Title (fr)

DISPOSITIF D'ACTIONNEMENT POUR DEUX EMBRAYAGES, TRANSMISSION HYBRIDE ET TRANSMISSION À DOUBLE EMBRAYAGE

Publication

EP 4337879 A1 20240320 (DE)

Application

EP 22722679 A 20220411

Priority

- DE 102021112205 A 20210511
- DE 2022100274 W 20220411

Abstract (en)

[origin: WO2022237929A1] The invention relates to an actuation device (1) for actuating two clutches (2, 3), comprising a first selector fork (4), which can be adjusted in a first direction of actuation for actuating a first clutch (2) against a first restoring force, and a second selector fork (5) which can be adjusted in a second direction of actuation for actuating a second clutch (3) against a second restoring force, the first actuation device and the second actuation device being oriented in an opposed manner to each other. Furthermore, the invention relates to a hybrid transmission (17) and to a dual-clutch transmission (21) comprising the actuation device (1).

IPC 8 full level

F16H 63/08 (2006.01); **F16H 63/10** (2006.01); **F16H 63/32** (2006.01)

CPC (source: EP KR US)

F16D 21/02 (2013.01 - US); **F16D 23/14** (2013.01 - US); **F16H 63/08** (2013.01 - EP); **F16H 63/10** (2013.01 - EP KR); **F16H 63/32** (2013.01 - KR);
B60Y 2200/92 (2013.01 - EP KR); **F16D 2011/002** (2013.01 - US); **F16D 2023/141** (2013.01 - US); **F16D 2500/10412** (2013.01 - US);
F16D 2500/10462 (2013.01 - US); **F16D 2500/1107** (2013.01 - US); **F16H 63/32** (2013.01 - EP); **Y02T 10/62** (2013.01 - EP KR)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021112205 A1 20221117; DE 102021112205 B4 20230302; CN 117242282 A 20231215; EP 4337879 A1 20240320;
KR 20230159551 A 20231121; US 2024200613 A1 20240620; WO 2022237929 A1 20221117

DOCDB simple family (application)

DE 102021112205 A 20210511; CN 202280033449 A 20220411; DE 2022100274 W 20220411; EP 22722679 A 20220411;
KR 20237036010 A 20220411; US 202218556721 A 20220411