

Title (en)

ACTUATOR ARRANGEMENT FOR A MOTOR VEHICLE DRIVE TRAIN

Title (de)

AKTUATORANORDNUNG FÜR EINEN KRAFTFAHRZEUGANTRIEBSSTRANG

Title (fr)

DISPOSITIF ACTIONNEUR POUR UNE CHAÎNE CINÉMATIQUE DE VÉHICULE À MOTEUR

Publication

EP 2815154 A1 20141224 (DE)

Application

EP 13704092 A 20130212

Priority

- DE 102012003415 A 20120214
- EP 2013052714 W 20130212

Abstract (en)

[origin: WO2013120814A1] An actuator arrangement (30) for a motor vehicle drive train (10) which has at least one friction clutch (20, 24) for transmitting drive torque, in particular in the form of a starting clutch, as well as a gearbox (22, 26) having at least two gears (1, 2,...), which can be engaged and disengaged in a clutch arrangement (23, 25), having: a hydraulic circuit (36) that has a pump (38) driven by means of an electric motor (54); a clutch hydraulic cylinder (48) by means of which the friction clutch (20, 24) can be actuated; and a shift actuator device (55) actuating the clutch arrangement (23, 25). The shift actuator device (55) has a gear-shifting drum (56) which is or can be coupled to the electric motor (54) via a switch roller clutch device (60) in a manner such that the gear-shifting drum (56) can be set in motion by means of the electric motor (54) in order to actuate the clutch arrangement (23, 25).

IPC 8 full level

F16H 63/18 (2006.01); **F16H 63/32** (2006.01)

CPC (source: CN EP US)

F16D 27/14 (2013.01 - US); **F16H 61/688** (2013.01 - CN EP US); **F16H 63/18** (2013.01 - CN EP US); **F16H 61/32** (2013.01 - CN EP US); **F16H 2061/2869** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2013120814A1

Citation (examination)

- EP 1236918 B1 20031015 - ZF SACHS AG [DE]
- EP 1182376 A2 20020227 - GETRAG GETRIEBE ZAHNRAD [DE]

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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DE 102012003415 A 20120214; CN 201380019948 A 20130212; EP 13704092 A 20130212; EP 14181495 A 20130212; EP 2013052714 W 20130212; US 201414459035 A 20140813