Title (en)

ACTUATOR, IN PARTICULAR FOR COUPLING TO THE ADJUSTING SHAFT OF AN INTERNAL COMBUSTION ENGINE TO ADJUST THE EXPANSION STROKE AND/OR THE COMPRESSION RATIO

Title (de)

AKTUATOR, INSBESONDERE ZUM ANKOPPELN AN DIE VERSTELLWELLE EINES VERBRENNUNGSMOTORS ZUM EINSTELLEN DES EXPANSIONSHUBES UND/ODER DES VERDICHTUNGSVERHÄLTNISSES

Title (fr)

ACTIONNEUR, DESTINÉ NOTAMMENT À ÊTRE ACCOUPLÉ À L'ARBRE DE RÉGLAGE D'UN MOTEUR À COMBUSTION INTERNE POUR RÉGLER LA COURSE DE DÉTENTE ET/OU LE RAPPORT VOLUMÉTRIQUE

Publication

EP 3325785 A1 20180530 (DE)

Application

EP 16753859 A 20160801

Priority

- LU 92788 A 20150803
- DE 102015112688 A 20150803
- EP 2016068330 W 20160801

Abstract (en)

[origin: WO2017021369A1] The invention relates to an actuator comprising a drive motor, and a transmission which is mounted downstream of the drive motor in the drive train, is mounted coaxially to the drive motor and has an output element. The actuator is characterized in that the entire actuator can be coupled to a system to be driven by means of the actuator as a pre-assembled and functional unit, the system having a drive shaft. The output element can be connected to the drive shaft in a rotationally fixed manner without having to dismount parts of the actuator.

IPC 8 full level

F02B 75/04 (2006.01); **F01L 1/344** (2006.01); **F02D 15/02** (2006.01); **F16H 57/025** (2012.01)

CPC (source: EP KR US)

F02B 75/04 (2013.01 - EP KR US); **F02D 15/02** (2013.01 - KR); **F16B 33/004** (2013.01 - US); **F16H 57/025** (2013.01 - EP KR US); **F16H 57/029** (2013.01 - US); F02D 15/02 (2013.01 - EP US); F16H 49/001 (2013.01 - US)

Citation (search report)

See references of WO 2017021369A1

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)

WO 2017021369 A1 20170209; EP 3325785 A1 20180530; JP 2019504592 A 20190214; JP 6934858 B2 20210915; KR 20180036745 A 20180409; US 10876473 B2 20201229; US 2018223729 A1 20180809

DOCDB simple family (application)

EP 2016068330 W 20160801; EP 16753859 A 20160801; JP 2018506217 A 20160801; KR 20187005860 A 20160801; US 201615750213 A 20160801