

Title (en)

ACTUATOR OF AN ELECTROHYDRAULIC GAS EXCHANGE VALVE DRIVE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

AKTUATOR EINES ELEKTROHYDRAULISCHEN GASWECHSELVENTILTRIEBS EINER BRENNKRAFTMASCHINE

Title (fr)

ACTIONNEUR D'UNE COMMANDE DE SOUPAPES D'ÉCHANGE DE GAZ HYDROÉLECTRIQUE D'UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 2627877 B1 20141022 (DE)**

Application

**EP 11736110 A 20110728**

Priority

- DE 102010048135 A 20101011
- EP 2011062982 W 20110728

Abstract (en)

[origin: WO2012048924A1] The invention relates to an actuator of an electrohydraulic gas exchange valve drive of an internal combustion engine, comprising an actuator housing (4), which can be fixed in the internal combustion engine and which comprises a bore (9); a valve play compensating element (8) which is received in said bore in an axially movable manner and which comprises a compensating housing (12) for actuating the gas exchange valve (1); and an axial stop which limits the extending movement of the compensating housing out of the bore (9) and which comprises stops (14, 15) that overlap each other radially. The stop (14) on the compensating housing-side is a collar of a sleeve (18) that surrounds the outer casing of the compensating housing, said collar extending outwards in a radial manner.

IPC 8 full level

**F01L 1/14** (2006.01); **F01L 1/24** (2006.01)

CPC (source: EP US)

**F01L 1/14** (2013.01 - US); **F01L 1/24** (2013.01 - EP US)

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

DOCDB simple family (publication)

**DE 102010048135 A1 20120412**; BR 112013003715 A2 20200602; BR 112013003715 B1 20210209; EP 2627877 A1 20130821; EP 2627877 B1 20141022; US 2013174799 A1 20130711; US 8826875 B2 20140909; WO 2012048924 A1 20120419

DOCDB simple family (application)

**DE 102010048135 A 20101011**; BR 112013003715 A 20110728; EP 11736110 A 20110728; EP 2011062982 W 20110728; US 201113825590 A 20110728