

Title (en)

DEVICE FOR TRANSMITTING A DISPLACEMENT OF AN ACTUATOR WITH AN ELASTOMER RING

Title (de)

VORRICHTUNG ZUM ÜBERTRAGEN EINER AUSLENKUNG EINES AKTORS MIT EINEM ELASTOMERRING

Title (fr)

DISPOSITIF POUR TRANSMETTRE LE DEPLACEMENT D'UN ACTIONNEUR, MUNI D'UNE BAGUE ELASTOMERE

Publication

EP 1525393 A1 20050427 (DE)

Application

EP 03787649 A 20030715

Priority

- DE 0302328 W 20030715
- DE 10233907 A 20020725

Abstract (en)

[origin: DE10233907A1] The device for the transmission of the excursion of a solenoid, especially for an injection valve, has a first (6) and second (7) piston which are in interacting communication by fluid through at least one transmission chamber (10) which is hydraulically connected to a compensating chamber via a sealing gap which provides compensation for pressure differences between the transmission chamber and compensating chamber with a time delay. The compensating chamber (22) is bounded by an elastomer ring (50) which is connected to and sealed relative to the housing (5) of the device and to one of the pistons.

IPC 1-7

F02M 61/16; **F02M 51/06**; **F02M 47/04**

IPC 8 full level

F02M 47/04 (2006.01); **F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F15B 3/00** (2006.01); **F02M 57/02** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)

F02M 47/046 (2013.01 - EP US); **F02M 51/0603** (2013.01 - EP US); **F02M 55/004** (2013.01 - EP US); **F02M 61/166** (2013.01 - EP US); **F02M 61/167** (2013.01 - EP US); **F15B 3/00** (2013.01 - EP US); **F02M 2200/703** (2013.01 - EP US); **F02M 2200/704** (2013.01 - EP US)

Citation (search report)

See references of WO 2004016942A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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