

Title (en)

Control device for electromagnet with core without friction and application for valves with continuous control

Title (de)

Steuervorrichtung mit Elektromagnet mit Kern ohne Reibung und Verwendung bei Ventilen mit Kontinuiersteuerung

Title (fr)

Dispositif de commande à électroaimant à noyau sans frottement et application aux vannes à commande continue

Publication

**EP 0736882 B1 20000830 (FR)**

Application

**EP 96420115 A 19960405**

Priority

FR 9504363 A 19950407

Abstract (en)

[origin: EP0736882A1] The electromagnetic transducer drives an inner hub (4) laterally. The hub has a rear chamfer with shoulders on the armature channel holding it in place in the rest position. The armature (2) has electrical winding mounted coaxially around the hub centre. The hub is attached to a front and rear flexible section (14,15) covering the front and rear of the armature. The magnetic field moves the hub forward, displacing the flexible section.

IPC 1-7

**H01F 7/16**

IPC 8 full level

**H01F 7/16** (2006.01)

CPC (source: EP)

**H01F 7/1607** (2013.01); **H01F 2007/083** (2013.01)

Cited by

NL1029504C2; FR3081605A1; US11972899B2; WO2007008068A1; US8111121B2; US9620274B2; US9704636B2; WO2020186358A1

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**EP 0736882 A1 19961009**; **EP 0736882 B1 20000830**; AT E196032 T1 20000915; DE 69610009 D1 20001005; DE 69610009 T2 20010503; DK 0736882 T3 20010102; ES 2151139 T3 20001216; FR 2732814 A1 19961011; FR 2732814 B1 19970509; GR 3034980 T3 20010228; PT 736882 E 20010228

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