

Title (en)

Actuator for electromagnetic valve drive

Title (de)

Aktor zur elektromagnetischen Ventilsteuerung

Title (fr)

Actionneur pour commande électromagnétique de soupape

Publication

EP 1059646 A1 20001213 (DE)

Application

EP 00109838 A 20000510

Priority

DE 19924814 A 19990529

Abstract (en)

An arrangement for electromagnetically controlling a valve, comprises two electromagnets (2,3) with an oscillating armature plate between them. The plate has at least one plunger (6), and the arrangement also has a yoke composed of a spool window and an exciter spool. Both yokes of the electromagnet consist of at least two massive sections connected together.

Abstract (de)

Die Erfindung betrifft einen Aktor zur elektromagnetischen Ventilsteuerung, bei dem die Joche der Elektromagnete geschlitzt ausgeführt sind, indem die Joche aus mehreren massiven, miteinander verbundenen Teilen bestehen. <IMAGE>

IPC 1-7

H01F 7/16; H01F 7/08; F01L 9/04

IPC 8 full level

H01F 7/08 (2006.01); **H01F 7/127** (2006.01)

CPC (source: EP US)

H01F 7/081 (2013.01 - EP US); **H01F 7/127** (2013.01 - EP US); **H01F 2007/1676** (2013.01 - EP US)

Citation (search report)

- [A] WO 9106109 A1 19910502 - BOSCH GMBH ROBERT [DE]
- [A] US 2796561 A 19570618 - JACQUES RIGOULOT
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03 27 February 1998 (1998-02-27)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19924814 A1 20001207; EP 1059646 A1 20001213; US 6322048 B1 20011127

DOCDB simple family (application)

DE 19924814 A 19990529; EP 00109838 A 20000510; US 57673600 A 20000523