

Title (en)
ELECTROMAGNETIC ACTUATOR

Title (de)
ELEKTROMAGNETISCHER ANTRIEB

Title (fr)
ACTIONNEUR ELECTROMAGNETIQUE

Publication
EP 1352402 A1 20031015 (FR)

Application
EP 02711936 A 20020110

Priority

- FR 0200074 W 20020110
- FR 0100459 A 20010115

Abstract (en)
[origin: WO02056321A1] The invention concerns an electromagnetic actuator comprising at least two coils (5, 6) associated with ferromagnetic cores (11) and arranged opposite each other, and a mobile element (1) extending between the coils (5, 6) and associated with an actuating rod (2), the coils (5, 6) comprising conductors (7) having ends (16) extending transversely to an axis (100) of the coils (5, 6) and directly fixed to pins (21) borne by a link plate (18) fixed on one side (7) of the coils (5, 6) and including a connecting circuit (24) with a connector (25) likewise borne by the link plate (18).

IPC 1-7
H01F 7/16

IPC 8 full level
H01F 7/16 (2006.01)

CPC (source: EP US)
H01F 7/1638 (2013.01 - EP US)

Citation (search report)
See references of WO 02056321A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 02056321 A1 20020718; DE 60230012 D1 20090108; EP 1352402 A1 20031015; EP 1352402 B1 20081126; FR 2819624 A1 20020719; FR 2819624 B1 20030425; US 2004051608 A1 20040318; US 6946937 B2 20050920

DOCDB simple family (application)
FR 0200074 W 20020110; DE 60230012 T 20020110; EP 02711936 A 20020110; FR 0100459 A 20010115; US 46627203 A 20030715