

Title (en)

ARMATURE FOR AN ELECTROMAGNETIC ACTUATOR WITH A SINTERED ARMATURE PLATE

Title (de)

ANKER FÜR EINEN ELEKTROMAGNETISCHEN AKTUATOR MIT GESINTERTER ANKERPLATTE

Title (fr)

INDUIT POUR UN ACTIONNEUR ELECTROMAGNETIQUE A PLAQUE D'INDUIT FRITTEE

Publication

**EP 1295302 A1 20030326 (DE)**

Application

**EP 02742895 A 20020413**

Priority

- DE 10121492 A 20010503
- EP 0204126 W 20020413

Abstract (en)

[origin: US2003205940A1] The invention relates to an armature for an electromagnetic actuator, having a guide pin that is connected to an armature plate, characterized in that the armature plate (3) is formed by a frame element (4) that comprises soft-magnetic iron and is connected to the guide pin (2), and at least one plate element (5) that comprises a soft-magnetic material and is held in the frame element (4).

IPC 1-7

**H01F 7/08**; **H01F 7/11**; **H01F 7/12**

IPC 8 full level

**F01L 9/20** (2021.01); **H01F 7/08** (2006.01)

CPC (source: EP US)

**F01L 9/20** (2021.01 - EP US); **H01F 7/081** (2013.01 - EP US)

Citation (search report)

See references of WO 02091401A1

Cited by

EP1667177A4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**US 2003205940 A1 20031106**; **US 6806596 B2 20041019**; DE 10121492 A1 20021107; DE 10292024 D2 20040415; EP 1295302 A1 20030326; WO 02091401 A1 20021114

DOCDB simple family (application)

**US 33415002 A 20021231**; DE 10121492 A 20010503; DE 10292024 T 20020413; EP 0204126 W 20020413; EP 02742895 A 20020413