

Title (en)

ELECTROMAGNET WITH ANCHOR ROD ASSEMBLY

Title (de)

ELEKTROMAGNET-VENTIL MIT ANKERSTANGENBAUGRUPPE MIT FEDER-DICHT-ELEMENT

Title (fr)

ÉLECTROAIMANT ET MODULE DE BARRE D'ANCRAGE

Publication

**EP 2966658 B1 20170503 (DE)**

Application

**EP 15175773 A 20150707**

Priority

DE 102014109531 A 20140708

Abstract (en)

[origin: JP2016017637A] PROBLEM TO BE SOLVED: To provide an armature rod module that can be easily manufactured and has improved durability, and an electromagnet or electromagnetic valve having such an armature rod module.SOLUTION: The invention relates to an armature rod module for an electromagnet with an armature rod 150 carrying a collar 152 has a caulking ring 160 connected fittingly to the armature rod 150, and a spring member 180 clamped axially between the collar 152 and the caulking ring 160.SELECTED DRAWING: Figure 1

IPC 8 full level

**H01F 7/16** (2006.01)

CPC (source: EP)

**H01F 7/16** (2013.01); **H01F 7/1607** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2966658 A1 20160113; EP 2966658 B1 20170503;** DE 102014109531 A1 20160114; JP 2016017637 A 20160201; JP 6796914 B2 20201209

DOCDB simple family (application)

**EP 15175773 A 20150707;** DE 102014109531 A 20140708; JP 2015136452 A 20150707