

Title (en)  
ELECTROMAGNETIC ACTUATOR

Title (de)  
ELEKTROMAGNETISCHE STELLVORRICHTUNG

Title (fr)  
DISPOSITIF DE RÉGLAGE ÉLECTROMAGNÉTIQUE

Publication  
**EP 3918619 B1 20221019 (DE)**

Application  
**EP 19739854 A 20190627**

Priority  
• AT 500132019 U 20190128  
• AT 2019060212 W 20190627

Abstract (en)  
[origin: WO2020154749A1] The invention relates to an electromagnetic actuator (1) having at least one electromagnetic actuator unit, the actuator unit comprising a coil (2) and a plunger (3), which plunger (3) is axially movable relative to the coil (2) via energization of the coil (2), and the actuator unit being arranged in a housing (4). In order to achieve a particularly simple design, the plunger (3) is arranged approximately coaxially with the coil (2) according to the invention.

IPC 8 full level  
**H01F 7/13** (2006.01); **H01F 7/16** (2006.01)

CPC (source: AT EP US)  
**F01L 1/047** (2013.01 - AT); **F01L 13/0036** (2013.01 - EP US); **H01F 7/121** (2013.01 - AT); **H01F 7/122** (2013.01 - AT); **H01F 7/13** (2013.01 - EP); **H01F 7/16** (2013.01 - AT); **H01F 7/1646** (2013.01 - EP); **F01L 2001/0473** (2013.01 - US); **F01L 2009/2107** (2021.01 - US); **F01L 2009/2134** (2021.01 - US); **F01L 2013/0052** (2013.01 - EP US); **F01L 2013/101** (2013.01 - EP US); **F01L 2820/03** (2013.01 - EP); **F01L 2820/031** (2013.01 - EP US)

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)  
**WO 2020154749 A1 20200806**; AT 16974 U1 20210115; CN 113348525 A 20210903; CN 113348525 B 20230530; EP 3918619 A1 20211208; EP 3918619 B1 20221019; HU E060760 T2 20230428; MX 2021008664 A 20210819; US 11649743 B2 20230516; US 2022082036 A1 20220317

DOCDB simple family (application)  
**AT 2019060212 W 20190627**; AT 500132019 U 20190128; CN 201980090430 A 20190627; EP 19739854 A 20190627; HU E19739854 A 20190627; MX 2021008664 A 20190627; US 201917425353 A 20190627