

Title (en)
ELECTROMAGNETIC SWITCH

Title (de)
ELEKTROMAGNETISCHER SCHALTER

Title (fr)
INTERRUPTEUR ÉLECTROMAGNÉTIQUE

Publication
EP 3465723 B1 20201104 (DE)

Application
EP 17725238 A 20170523

Priority
• DE 102016109486 A 20160524
• EP 2017062329 W 20170523

Abstract (en)
[origin: WO2017202803A1] The invention relates to an electromagnetic switch (100), comprising: an armature (113); a slide (101), which can be manually slid in order to actuate the armature (113); and a deformable force-transmitting element (105), which is arranged between the slide (101) and the armature (113), wherein the slide (101) can be pressed against the deformable force-transmitting element (105) with a pressing force in order to actuate the armature (113), wherein, when a pressing-force threshold value is exceeded, the deformable force-transmitting element (105) can be deformed by the pressing force in order to limit the pressing force that can be transmitted from the slide (101) to the armature (113).

IPC 8 full level
H01H 51/22 (2006.01); **H01H 9/00** (2006.01); **H01H 15/10** (2006.01); **H01H 50/54** (2006.01); **H01H 50/60** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP US)
H01H 3/001 (2013.01 - US); **H01H 3/02** (2013.01 - US); **H01H 9/0066** (2013.01 - EP US); **H01H 15/102** (2013.01 - EP US); **H01H 50/541** (2013.01 - EP US); **H01H 50/60** (2013.01 - EP US); **H01H 50/641** (2013.01 - EP US); **H01H 51/229** (2013.01 - EP US); **H01H 50/326** (2013.01 - EP); **H01H 2221/064** (2013.01 - US); **H01H 2225/014** (2013.01 - 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)
DE 102016109486 B3 20170921; CN 109155220 A 20190104; CN 109155220 B 20200703; EP 3465723 A1 20190410; EP 3465723 B1 20201104; JP 2019517104 A 20190620; JP 2021044244 A 20210318; JP 7025509 B2 20220224; JP 7044716 B2 20220330; US 11127541 B2 20210921; US 2019304712 A1 20191003; WO 2017202803 A1 20171130

DOCDB simple family (application)
DE 102016109486 A 20160524; CN 201780031590 A 20170523; EP 17725238 A 20170523; EP 2017062329 W 20170523; JP 2018559874 A 20170523; JP 2020181384 A 20201029; US 201716303085 A 20170523