

Title (en)

Actuator for an installation switching device

Title (de)

Auslöser für eine Installationsschaltvorrichtung

Title (fr)

Actionneur pour dispositif de commutation d'installation

Publication

EP 2194555 A1 20100609 (EN)

Application

EP 08021063 A 20081204

Priority

EP 08021063 A 20081204

Abstract (en)

Actuator for an installation switching device comprising a main current path, further comprising a point of contact in the main current path, which is formed by at least two contact members, whereby at least one of the contact members is movable and whereby the contact members are configured to be separated in a tripping condition under the influence of a tripping device, characterized in that the actuator comprises a bistable buckling membrane carrying the at least one movable contact piece and being configured to snap back from a first into a second stable position under the influence of the tripping device in a tripping condition, so that the point of contact can thus be opened and permanently kept open in the tripping condition.

IPC 8 full level

H01H 71/42 (2006.01); **H01H 5/30** (2006.01)

CPC (source: EP)

H01H 71/42 (2013.01); **H01H 5/30** (2013.01)

Citation (applicant)

- US 2798130 A 19570702 - COX IRVIN W
- WO 2004057911 A1 20040708 - ABB AB [SE], et al
- DE 102004056283 A1 20060608 - ABB PATENT GMBH [DE]

Citation (search report)

- [XY] US 2798130 A 19570702 - COX IRVIN W
- [AY] DE 9406806 U1 19950601 - THERMIK GERAETEBAU GMBH [DE]
- [A] DE 102007014237 A1 20080918 - HOFSAESS MARCEL P [DE]
- [DA] DE 102004056283 A1 20060608 - ABB PATENT GMBH [DE]
- [A] WO 03056587 A1 20030710 - ABB T & D TECH LTD [CH], et al

Cited by

CN110473721A; US9805888B2; WO2015176734A1; WO2014048483A1; WO2019115813A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2194555 A1 20100609

DOCDB simple family (application)

EP 08021063 A 20081204