

Title (en)

OPERATING SYSTEM FOR A VACUUM BULB

Title (de)

EINSCHALTSYSTEM EINER VAKUUMSCHALTROHRE

Title (fr)

SYSTÈME D'ACTIONNEMENT POUR UNE AMPOULE À VIDE

Publication

**EP 3699942 B1 20210616 (FR)**

Application

**EP 19215176 A 20191211**

Priority

FR 1901870 A 20190225

Abstract (en)

[origin: US2020273646A1] A system for actuating a vacuum bottle of an electrical device, the vacuum bottle being connected in a circuit shunting a main circuit of a phase of the electrical device and comprising a movable electrode and a fixed electrode. The actuating system comprises a shunt contact which is connected to a movable contact of the main circuit during a movement of opening the electrical device, and an electromagnet whose coil is connected between the movable electrode and the shunt contact, and whose core is mechanically linked with the movable electrode, such that the core drives the movable electrode to the open position only when the value of which passes through the coil reaches a predetermined threshold.

IPC 8 full level

**H01H 9/54** (2006.01); **H01H 33/666** (2006.01)

CPC (source: CN EP US)

**H01H 9/54** (2013.01 - EP US); **H01H 33/6647** (2013.01 - US); **H01H 33/666** (2013.01 - CN); **H01H 33/6661** (2013.01 - EP); **H01H 7/12** (2013.01 - EP)

Cited by

US11948765B2

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 3699942 A1 20200826**; **EP 3699942 B1 20210616**; CN 111613478 A 20200901; FR 3093226 A1 20200828; FR 3093226 B1 20210122; US 10916393 B2 20210209; US 2020273646 A1 20200827

DOCDB simple family (application)

**EP 19215176 A 20191211**; CN 202010025546 A 20200110; FR 1901870 A 20190225; US 202016732932 A 20200102