

Title (en)
ACTUATION SYSTEM OF A VACUUM BOTTLE

Title (de)
EINSCHALTSYSTEM EINER VAKUUMRÖHRE

Title (fr)
SYSTÈME D'ACTIONNEMENT D'UNE AMPOULE À VIDE

Publication
EP 3300097 B1 20211103 (FR)

Application
EP 17189168 A 20170904

Priority
FR 1658958 A 20160923

Abstract (en)
[origin: US2018090288A1] An actuation system of a vacuum bottle for an electrical connection device, the vacuum bottle including one movable electrode and one fixed electrode, the movable electrode being movable longitudinally between a closed position in which the two electrodes are in contact with each other and an open position in which the two electrodes are separated. The actuation system includes an adjusting nut linked to the movable electrode and capable of rotation for adjusting its position in relation to the movable electrode, a driving device acting on the adjusting nut for driving the movable electrode towards the open position, and a locking device for locking the position of the adjusting nut in relation to the movable electrode.

IPC 8 full level
H01H 33/666 (2006.01)

CPC (source: CN EP US)
H01H 31/003 (2013.01 - US); **H01H 33/664** (2013.01 - CN); **H01H 33/666** (2013.01 - CN); **H01H 33/6661** (2013.01 - EP US)

Citation (examination)
EP 1139358 A1 20011004 - SCHNEIDER ELECTRIC IND SA [FR]

Cited by
EP3664118A1; FR3089342A1; EP3699942A1; FR3093226A1; US10916393B2; US10879024B2

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 3300097 A1 20180328; EP 3300097 B1 20211103; CN 107871640 A 20180403; CN 107871640 B 20210409; FR 3056823 A1 20180330; FR 3056823 B1 20181012; US 10217581 B2 20190226; US 2018090288 A1 20180329

DOCDB simple family (application)
EP 17189168 A 20170904; CN 201710864399 A 20170922; FR 1658958 A 20160923; US 201715710312 A 20170920