

Title (en)

ACTUATING DEVICE FOR A VACUUM SWITCHING TUBE AND SEPARATION ARRANGEMENT

Title (de)

STELLVORRICHTUNG FÜR EINE VAKUUMSCHALTROHRE UND TRENNANORDNUNG

Title (fr)

DISPOSITIF DE RÉGLAGE POUR TUBE DE COMMUTATION SOUS VIDE ET DISPOSITIF SECTIONNEUR

Publication

**EP 2885803 B1 20170719 (DE)**

Application

**EP 13765317 A 20130911**

Priority

- DE 102012217583 A 20120927
- EP 2013068810 W 20130911

Abstract (en)

[origin: WO2014048747A1] The invention relates to an actuating device (18) for a vacuum switching tube (12), comprising a connecting element (20), which can be connected to an electric contact (16) of the vacuum switching tube (12), an electromagnetic actuating device (28) for displacing the connecting element (20) between a first and a second position, a retaining yoke (22), relative to which the connecting element (20) can be displaced and which comprises a first magnetic element (24), the first magnetic element (24) generating a first and a second magnetic circuit in the retaining yoke (22), and further comprising a ferromagnetic retaining anchor (26), which is arranged on the connecting element (20), the retaining anchor (26) being located in the first position of the connecting element (20) in the first magnetic circuit and in the second position of the connecting element (20) in the second magnetic circuit, the connecting element (20) being stably held in the first and in the second position by a respective magnetic force between the retaining yoke (22) and the retaining anchor (26).

IPC 8 full level

**H01H 33/28** (2006.01); **H01H 3/60** (2006.01); **H01H 33/666** (2006.01); **H01H 47/22** (2006.01)

CPC (source: CN EP US)

**H01H 3/60** (2013.01 - CN); **H01H 33/28** (2013.01 - CN); **H01H 33/285** (2013.01 - EP US); **H01H 33/666** (2013.01 - CN); **H01H 33/6662** (2013.01 - EP US); **H01H 47/22** (2013.01 - CN); **H01H 50/30** (2013.01 - US); **H01H 50/321** (2013.01 - US); **H01H 50/443** (2013.01 - US); **H01H 50/64** (2013.01 - US); **H01H 51/27** (2013.01 - US); **H01H 3/60** (2013.01 - EP US); **H01H 47/226** (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)

**DE 102012217583 A1 20140327**; CN 104685599 A 20150603; CN 104685599 B 20170308; EP 2885803 A1 20150624; EP 2885803 B1 20170719; US 10032589 B2 20180724; US 2015248984 A1 20150903; WO 2014048747 A1 20140403

DOCDB simple family (application)

**DE 102012217583 A 20120927**; CN 201380050755 A 20130911; EP 13765317 A 20130911; EP 2013068810 W 20130911; US 201314431884 A 20130911