

Title (en)

LOAD-BREAK OR SHORT-CIRCUIT CURRENT SWITCH

Title (de)

LASTTRENN- ODER KURZSCHLUSSSTROMSCHALTER

Title (fr)

DISJONCTEUR OU COMMUTATEUR DE COURANT DE COURT-CIRCUIT

Publication

EP 3929955 A1 20211229 (EN)

Application

EP 21382562 A 20210625

Priority

ES 202030638 A 20200625

Abstract (en)

It is a load-break or short-circuit current switch (1) comprising a main circuit (2) for the circulation of electric current and a secondary circuit (3) for the circulation of shunt electric current. The main circuit (2) comprises a switch-disconnector (4) with a fixed contact (5) and a moving contact (6), while the secondary circuit (3) comprises a vacuum switch (7) that is actuated by the moving contact (6) of the switch - disconnector (4), so that the load-break or short-circuit current switch (1) of the invention can execute at least three operating positions, making - breaking - disconnecting - grounding.

IPC 8 full level

H01H 33/12 (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP ES)

H01H 33/122 (2013.01 - EP); **H01H 33/126** (2013.01 - EP ES); **H01H 33/6661** (2013.01 - EP ES); **H01H 33/6664** (2013.01 - ES)

Citation (applicant)

- ES 2387862 T3 20121003 - AREVA T & D SAS [FR], et al
- ES 2526220 T3 20150108 - SCHNEIDER ELECTRIC ENERGY FRANCE [FR]
- ES 2525080 T3 20141217 - SCHNEIDER ELECTRIC IND SAS [FR]
- DE 102004006476 B4 20060209 - SIEMENS AG [DE]
- WO 2006074975 A1 20060720 - SIEMENS AG [DE], et al

Citation (search report)

- [AD] WO 2006074975 A1 20060720 - SIEMENS AG [DE], et al
- [A] US 2480622 A 19490830 - WARNOCK FRANK E
- [A] US 2017301491 A1 20171019 - ZHANG JIAOSUO [CN], et al
- [A] EP 2182536 A1 20100505 - AREVA T & D SAS [FR]

Cited by

EP4195229A1; FR3130446A1; EP4276874A1; US12087527B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3929955 A1 20211229; EP 3929955 B1 20220921; ES 2888700 A1 20220105; ES 2888700 B2 20220518; ES 2928732 T3 20221122

DOCDB simple family (application)

EP 21382562 A 20210625; ES 202030638 A 20200625; ES 21382562 T 20210625