

Title (en)

SWITCH FOR SHORT-CIRCUITING A DIRECT-CURRENT POWER SOURCE

Title (de)

SCHALTER ZUM KURZSCHLIESSEN EINER GLEICHSTROM-STROMQUELLE

Title (fr)

INTERRUPTEUR DESTINE A COURT-CIRCUITER UNE SOURCE DE TENSION CONTINUE DE PUISSANCE

Publication

**EP 3044803 B1 20181010 (FR)**

Application

**EP 14766682 A 20140910**

Priority

- FR 1358869 A 20130913
- EP 2014069329 W 20140910

Abstract (en)

[origin: WO2015036455A1] The invention relates to a switch (1) comprising: first and second electrically conductive electrodes (11, 12); an electrically conductive element (15); an electrically insulating medium (162) separating the first and second electrodes and separating the electrically conductive element from the second electrode; a pyrotechnic element (17) including an explosive (171), the explosion of said explosive causing the electrically conductive element (15) to move and come into contact with the second electrode (12) and the conductive element to be welded to the second electrode, such as to form an electrically conductive link between the first and second electrodes.

IPC 8 full level

**H01H 39/00** (2006.01); **H01M 2/20** (2006.01)

CPC (source: EP US)

**H01H 9/54** (2013.01 - US); **H01H 39/004** (2013.01 - EP US); **H01H 2039/008** (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)

**WO 2015036455 A1 20150319**; EP 3044803 A1 20160720; EP 3044803 B1 20181010; FR 3010827 A1 20150320; JP 2016536762 A 20161124; JP 6474817 B2 20190227; US 10546705 B2 20200128; US 2016225558 A1 20160804

DOCDB simple family (application)

**EP 2014069329 W 20140910**; EP 14766682 A 20140910; FR 1358869 A 20130913; JP 2016541927 A 20140910; US 201415021194 A 20140910