

Title (en)

Current switch on an electric line comprising a vacuum cartridge

Title (de)

Stromunterbrechungsschalter in einer Stromleitung, die eine Vakuumlampe umfasst

Title (fr)

Interrupteur de courant sur une ligne électrique comprenant une ampoule à vide

Publication

**EP 2182536 A1 20100505 (FR)**

Application

**EP 09174001 A 20091026**

Priority

FR 0857373 A 20081029

Abstract (en)

The interrupter has a vacuum switch chamber (6) connected in a branch (4). The branch includes a movable part (7) arranged between the switch chamber and an end (9) of the branch. A disconnecter (2) and the movable part are arranged such that the movable part reaches a first state in which the movable part is disengaged from the switch chamber, and reaches a second state in which the movable part actuates one of switch contacts (12, 13) of the switch chamber so as to obtain an open position of the switch contacts.

Abstract (fr)

Ce dispositif interrupteur comporte une dérivation (4) sur laquelle une ampoule à vide (6) assurant la coupure est placée. La dérivation est inactive en régime permanent, et parcourue par l'électricité seulement quand le sectionneur (2) a commencé son mouvement d'ouverture, par un transfert progressif du courant de la ligne principale (1) à la dérivation (4). L'ampoule (6) étant généralement au repos, elle n'a plus à être dimensionnée aux contraintes électriques et diélectriques contraignantes en régime permanent.

IPC 8 full level

**H01H 33/66** (2006.01)

CPC (source: EP US)

**H01H 33/6661** (2013.01 - EP US); **H01H 31/003** (2013.01 - EP US); **H01H 33/126** (2013.01 - EP US)

Citation (search report)

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- [A] EP 1939909 A2 20080702 - HITACHI LTD [JP]
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Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2182536 A1 20100505; EP 2182536 B1 20120613**; AU 2009230733 A1 20100513; AU 2009230733 B2 20151126; BR PI0904400 A2 20110201; BR PI0904400 B1 20191029; CN 101728115 A 20100609; CN 101728115 B 20140409; ES 2387862 T3 20121003; FR 2937786 A1 20100430; FR 2937786 B1 20101224; JP 2010108934 A 20100513; JP 5612295 B2 20141022; RU 2009139903 A 20110510; RU 2518193 C2 20140610; US 2010102035 A1 20100429; US 8227721 B2 20120724

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