

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]
- [A] EP 1416503 A2 20040506 - HITACHI LTD [JP]

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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

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