

Title (en)

SWITCH DEVICE WITH INSULATING BARRIER INTRODUCED BETWEEN THE CONTACTS WHEN THEY OPEN AND WITH ARC CUTTING MEANS BETWEEN THE BARRIER AND AN INSULATING WALL

Publication

EP 0118333 B1 19860924 (FR)

Application

EP 84400204 A 19840131

Priority

FR 8301749 A 19830204

Abstract (en)

[origin: ES8500504A1] A switch device is provided comprising means for controlling the separation of the contacts and for inserting an electrically insulating screen between the contacts during opening thereof, said screen cooperating with an electrically insulating surface formed by one of the walls of a substantially closed arc chamber, for shearing the arc between the contacts, the control of the movement of the screen being obtained by propulsion means essentially separate from those causing the separation of the contacts, while the whole is arranged so that substantially complete shearing of the arc is obtained before it has had time to stabilize itself, substantially total sealing being obtained between the screen and said surface when they are in abutment.

IPC 1-7

H01H 9/32

IPC 8 full level

H01H 33/06 (2006.01); **H01H 9/32** (2006.01)

CPC (source: EP US)

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Cited by

EP0450104A1; EP0993011A3; EP0244276A1; EP0186546A1; DE3823790A1; EP0185577A1; FR2573912A1; DE3615340A1; EP0204594A1; FR2581477A1; DE3541747A1; EP0185576A1; FR2573913A1

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