

Title (en)

Switch with disconnection device of the neutral line.

Title (de)

Schalter mit Trennvorrichtung des Nulleiters.

Title (fr)

Coupe-circuit à sectionnement du neutre.

Publication

**EP 0069631 A2 19830112 (FR)**

Application

**EP 82401160 A 19820624**

Priority

FR 8113198 A 19810630

Abstract (en)

1. Switch with disconnection device of the neutral line (42) comprising a support cradle (22) of a fuse cartridge (20) mounted pivotally in a housing (10) in order to occupy selectively an active position, in which the fuse cartridge is locked in the support cradle (22) and inserted into the phase circuit connecting two connection terminals (36), and an inactive position in which the fuse cartridge (20) is isolated from said circuit and removable from the support cradle (22) and a disconnection device of the neutral line actuated by said cradle (22), in order to close the neutral line in the active position of the cradle, characterized by the fact that the fuse cartridge is lodged in a draw-out box (18) connected with a lever (16) projecting out of the front side (14) of the housing, that said disconnection device of the neutral line (42) comprises a drawer slide (46) mounted with sliding motion near and parallel to the rear side (12) of the switch, and that said cradle (22) carries a finger (56) engaging into a conjugated opening (58) of the slide (46) in order to ensure a positive connection between the cradle (22) and the slide (46), the cradle position being an exact representation of that of the slide.

Abstract (fr)

Le coulisseau (46) de sectionneur de neutre d'un coupe-circuit est relié positivement au berceau (22) pivotant porte-fusible, de manière à assurer la coupure du circuit de neutre lorsque le berceau est en une position permettant l'extraction de la cartouche fusible (20).

IPC 1-7

**H01H 9/10**

IPC 8 full level

**H01H 9/10** (2006.01); **H01H 85/00** (2006.01)

CPC (source: EP)

**H01H 9/104** (2013.01); **H01H 85/0091** (2013.01)

Cited by

EP0410235A3; FR2574218A1; FR2761540A1

Designated contracting state (EPC)

BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

**EP 0069631 A2 19830112**; **EP 0069631 A3 19830216**; **EP 0069631 B1 19850925**; DE 3266536 D1 19851031; ES 513534 A0 19830316; ES 8304707 A1 19830316; FR 2508700 A1 19821231; FR 2508700 B1 19850322

DOCDB simple family (application)

**EP 82401160 A 19820624**; DE 3266536 T 19820624; ES 513534 A 19820628; FR 8113198 A 19810630