

Title (en)

SWITCHGEAR FOR LOW-VOLTAGE SWITCHING UNITS WITH A LINEARLY DISPLACEABLE CONTACT SUPPORT

Title (de)

SCHALTPOL FÜR NIEDERSpannungs-SCHALTGERÄTE MIT LINEAR BEWEGBAREM KONTAKTTRÄGER

Title (fr)

POLE DE COMMUTATION POUR APPAREILS DE COMMUTATION BASSE TENSION COMPORTANT UN SUPPORT DE CONTACTS A MOUVEMENT LINEAIRE

Publication

EP 1261981 B1 20061129 (DE)

Application

EP 01915017 A 20010213

Priority

- DE 0100609 W 20010213
- DE 10012605 A 20000309

Abstract (en)

[origin: DE10012605A1] A switch-pole unit (1) for low-voltage switchgear has a movable contact-carrier (2) for a movable switch contact (8) operating in conjunction with a positionally fixed switch-contact (5), as well as with a drive unit (22) for the movable contact carrier (2). The switch-pole (1) has a box-shaped housing, through the rear wall (3) of which runs a terminal rail (4) equipped with the positionally fixed switch-contacts (5); an additional terminal rail (6) also passes through this rear housing wall, and connects via a flexible conductor (7) to a hinged contact mounted as a movable switch-contact (8) on a shaft (17). On the opposite- facing walls of the switch-pole unit (1) and on the movable contact carrier (2), are arranged interacting guide devices for linear movement of the contact carrier (2) in the switch-pole unit (1).

[origin: DE10012605A1] A switch-pole unit (1) for low-voltage switchgear has a movable contact-carrier (2) for a movable switch contact (8) operating in conjunction with a positionally fixed switch-contact (5), as well as with a drive unit (22) for the movable contact carrier (2). The switch-pole (1) has a box-shaped housing, through the rear wall (3) of which runs a terminal rail (4) equipped with the positionally fixed switch-contacts (5); an additional terminal rail (6) also passes through this rear housing wall, and connects via a flexible conductor (7) to a hinged contact mounted as a movable switch-contact (8) on a shaft (17). On the opposite- facing walls of the switch-pole unit (1) and on the movable contact carrier (2), are arranged interacting guide devices for linear movement of the contact carrier (2) in the switch-pole unit (1).

IPC 8 full level

H01H 73/04 (2006.01); **H01H 1/22** (2006.01)

CPC (source: EP US)

H01H 1/226 (2013.01 - EP US); **H01H 1/221** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 10012605 A1 20010913; DE 50111549 D1 20070111; EP 1261981 A1 20021204; EP 1261981 B1 20061129; US 2003001701 A1 20030102; US 6803844 B2 20041012; WO 0167477 A1 20010913

DOCDB simple family (application)

DE 10012605 A 20000309; DE 0100609 W 20010213; DE 50111549 T 20010213; EP 01915017 A 20010213; US 18173502 A 20020722