

Title (en)

A block of bushings of a three-phase rotary switch-disconnector

Title (de)

Buchsenblock eines Trennschalters eines Dreiphasendrehschalters

Title (fr)

Bloc de traversées d'un sectionneur rotatif triphasé

Publication

EP 2341515 B1 20130220 (EN)

Application

EP 09460059 A 20091230

Priority

EP 09460059 A 20091230

Abstract (en)

[origin: EP2341515A1] The invention disclosed is a block of bushings of a three-phase rotary switch-disconnector with a double isolating clearance between the electric contacts, intended for multiple switching of currents in electric circuits that are in a working status, and also for emergency switching-on of electric circuits that are in a fault condition. The block of bushings of a three-phase rotary switch-disconnector is a resin casting in the form of a rotary shaft (2) with three bushings (3a, 3b) fitted with circumferential petticoats (7a, 7b). The bushings (3a, 3b) are arranged along the axis of the rotary shaft and perpendicularly to the axis of the shaft, and the shaft axis divides the body of each of the bushings into two symmetrical parts in which a common conducting rod (4) is located, whose ends protrude outside the bushing body and make a movable element of the current path of the switch-disconnector. The bodies of the bushings (3a, 3b) in a cross-section have the contour in the shape of an ellipse or an ellipse with the vertexes truncated on both sides.

IPC 8 full level

H01H 31/02 (2006.01); **H01H 31/16** (2006.01)

CPC (source: EP)

H01H 31/026 (2013.01); **H01H 31/16** (2013.01)

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

DOCDB simple family (publication)

EP 2341515 A1 20110706; **EP 2341515 B1 20130220**; BR 112012016252 A2 20180605; CN 102667999 A 20120912; CN 102667999 B 20141224; PL 2341515 T3 20130531; WO 2011079926 A2 20110707; WO 2011079926 A3 20110909

DOCDB simple family (application)

EP 09460059 A 20091230; BR 112012016252 A 20101222; CN 201080060118 A 20101222; EP 2010007814 W 20101222; PL 09460059 T 20091230