

Title (en)

Individual switching block and switching device comprising at least one such block

Title (de)

Einheitsschaltblock und Schaltvorrichtung, die mindestens einen solchen Block umfasst

Title (fr)

Bloc unitaire de commutation et dispositif de commutation comportant au moins un tel bloc

Publication

EP 2779190 B1 20171018 (FR)

Application

EP 14160081 A 20140314

Priority

FR 1352343 A 20130315

Abstract (en)

[origin: EP2779190A1] The block (80) has a switching unit comprising a moving contact with current passage branches (331, 332) connected to stationary contact (320) in closed position of the contacts. The stationary contact is in shape of J at contact area (37) with one of the branches such that direction of current circulating in the stationary contact is opposite to that of current in the branch. The stationary contact has a straight shape at contact area (39) with another branch such that the direction of current in the stationary contact is identical to that of current circulating in the latter branch. An independent claim is also included for an electrical switchgear device.

IPC 8 full level

H01H 1/20 (2006.01); **H01H 9/38** (2006.01)

CPC (source: EP US)

H01H 1/2016 (2013.01 - US); **H01H 1/2025** (2013.01 - EP US); **H01H 9/38** (2013.01 - EP US); **H01H 9/302** (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US)

Citation (examination)

- US 4421959 A 19831220 - CHEN C GREGORY [US], et al
- EP 2037472 A2 20090318 - ROCKWELL AUTOMATION TECH INC [US]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2779190 A1 20140917; **EP 2779190 B1 20171018**; CN 104051166 A 20140917; CN 104051166 B 20190917; ES 2654625 T3 20180214; FR 3003392 A1 20140919; FR 3003392 B1 20160722; US 2014262708 A1 20140918; US 9218918 B2 20151222

DOCDB simple family (application)

EP 14160081 A 20140314; CN 201410096460 A 20140314; ES 14160081 T 20140314; FR 1352343 A 20130315; US 201414204167 A 20140311