

Title (en)
LOCKING DEVICE FOR A HIGH-VOLTAGE SWITCHGEAR INSTALLATION

Title (de)
VERRIEGELUNGSVORRICHTUNG FÜR EINE HOCHSPANNUNGSSCHALTANLAGE

Title (fr)
DISPOSITIF DE VERROUILLAGE D'UNE INSTALLATION DE COMMUTATION A HAUTE TENSION

Publication
EP 3131106 B1 20171213 (DE)

Application
EP 16181670 A 20160728

Priority
DE 102015113160 A 20150810

Abstract (en)
[origin: US2017047179A1] The device is used for locking an access for actuating two switching devices of high-voltage switchgear with the aid of a drive shaft transmitting drive force onto the two switching devices. In order to increase the operational safety of the high-voltage switchgear with little outlay, the locking device comprises a closing disk which is fastened on the drive shaft, a rocker bar arrangement containing at least four rocker bars, and a slider. The slider can be moved, on-site, into two positions, the first of which releases an access for the actuation on-site and blocks an access for the actuation from a remote location, and the second of which blocks the access for the on-site actuation and releases the access for the remote actuation.

IPC 8 full level
H01H 3/22 (2006.01); **H01H 3/44** (2006.01); **H01H 9/24** (2006.01); **H01H 9/28** (2006.01); **H01H 27/06** (2006.01)

CPC (source: CN EP US)
H01H 3/227 (2013.01 - EP US); **H01H 3/44** (2013.01 - EP US); **H01H 9/24** (2013.01 - EP US); **H01H 9/26** (2013.01 - CN);
H01H 9/282 (2013.01 - EP US); **H01H 9/285** (2013.01 - EP US); **H01H 27/06** (2013.01 - US); **H01H 2239/044** (2013.01 - US);
H01H 2300/018 (2013.01 - US)

Cited by
CN115642044A; CN112753088A

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 3131106 A1 20170215; **EP 3131106 B1 20171213**; CN 106449228 A 20170222; DE 102015113160 A1 20170216;
US 2017047179 A1 20170216; US 9875868 B2 20180123

DOCDB simple family (application)
EP 16181670 A 20160728; CN 201610650393 A 20160810; DE 102015113160 A 20150810; US 201615233528 A 20160810