

Title (en)
Electric switch

Title (de)
Elektrischer Schalter

Title (fr)
Commutateur électrique

Publication
EP 2624276 B1 20171129 (DE)

Application
EP 12189994 A 20121025

Priority
DE 102012201552 A 20120202

Abstract (en)
[origin: EP2624276A1] The electrical switch (10) has an operating lever that is passed from ON position into triggered position, if a trigger device triggers to stop flowing current (I) during failure by turning OFF the switch. A motor drive (30) is mounted at a switch housing (20), for covering the operating lever optically. A position sensor is provided to detect a position of an operation lever and to generate a position of covered position signal of operating lever. A light source (60) of control device is turned ON or OFF in response to position signal of sensor, if light is visible from the outside. An independent claim is included for method for operating electrical switch.

IPC 8 full level
H01H 71/70 (2006.01); **H01H 9/16** (2006.01); **H01H 71/04** (2006.01)

CPC (source: EP)
H01H 9/161 (2013.01); **H01H 71/04** (2013.01); **H01H 71/70** (2013.01); **H01H 2071/048** (2013.01)

Citation (examination)
US 2012181157 A1 20120719 - WAN JIASHENG [CN]

Citation (opposition)
Opponent : ABB Schweiz AG
• DE 102009038435 A1 20110224 - SIEMENS AG [DE]
• "UNISEC Air insulated medium voltage secondary distribution switchgear", ABB BROSCHÜRE, 2011, pages 1 - 70, XP055519152
• "Medium Voltage Switchgear, Type SIMOSEC up to 27,6 kV, Extendable, Metal-Enclosed up to 1200 A", SIEMENS OPERATING INSTRUCTIONS, 2010, pages 1 - 106, XP055519172

Cited by
WO2023089002A1

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 2624276 A1 20130807; **EP 2624276 B1 20171129**; CN 103247453 A 20130814; CN 110223863 A 20190910;
DE 102012201552 A1 20130808

DOCDB simple family (application)
EP 12189994 A 20121025; CN 201310042306 A 20130204; CN 201910392841 A 20130204; DE 102012201552 A 20120202