

Title (en)
SWITCHING DEVICE

Title (de)
SCHALTGERÄT

Title (fr)
DISPOSITIF DE COMMUTATION

Publication
EP 2263247 A1 20101222 (DE)

Application
EP 09717752 A 20090217

Priority
• AT 2009000056 W 20090217
• AT 3592008 A 20080305

Abstract (en)
[origin: US2009224861A1] A switching device, for example a circuit breaker, has an input terminal and an output terminal for connection to electrical conductors, and two switching contacts which, when closed, close a current path between the input terminal and the output terminal. A disconnect device is provided for disconnecting the two switching contacts. For triggering the disconnect device, an overcurrent trigger device and/or a short-circuit trigger device are in mechanical operative connection with the disconnect device by way of a reversing lever. The reversing lever includes a first lever arm with a trigger extension that can be actuated by the overcurrent trigger device and/or by the short-circuit trigger device, and a second lever arm with an actuating extension for triggering the disconnect device. To ensure safe operation, the actuating extension is configured to be resiliently compliant.

IPC 8 full level
H01H 71/40 (2006.01)

CPC (source: EP US)
H01H 71/40 (2013.01 - EP US); **H01H 71/16** (2013.01 - EP US); **H01H 71/2472** (2013.01 - EP US)

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2009224861 A1 20090910; US 8143980 B2 20120327; AR 070780 A1 20100505; AT 509250 A1 20110715; AT E516593 T1 20110715; AU 2009221605 A1 20090911; BR PI0909674 A2 20150922; CA 2717317 A1 20090911; CN 101527233 A 20090909; CN 101527233 B 20140730; EP 2263247 A1 20101222; EP 2263247 B1 20110713; ES 2372087 T3 20120113; IL 207560 A0 20101230; PL 2263247 T3 20120430; RS 51945 B 20120229; RU 2010140618 A 20120410; RU 2498440 C2 20131110; SI 2263247 T1 20120330; WO 2009108967 A1 20090911

DOCDB simple family (application)
US 39792809 A 20090304; AR P090100754 A 20090304; AT 09717752 T 20090217; AT 2009000056 W 20090217; AT 3592008 A 20080305; AU 2009221605 A 20090217; BR PI0909674 A 20090217; CA 2717317 A 20090217; CN 200810108438 A 20080530; EP 09717752 A 20090217; ES 09717752 T 20090217; IL 20756010 A 20100812; PL 09717752 T 20090217; RS P20110431 A 20090217; RU 2010140618 A 20090217; SI 200930086 T 20090217