

Title (en)
Electrical switching device

Title (de)
Elektrisches Schaltgerät

Title (fr)
Appareil de commutation électrique

Publication
EP 1760748 A3 20080514 (DE)

Application
EP 06015649 A 20060727

Priority
DE 102005041231 A 20050831

Abstract (en)
[origin: EP1760748A2] The electro mechanical circuit breaker switch has an assembly with a front panel having locating points for the linkage mechanism. A switch lever [19] is bearing mounted and the lower end connects to the linkage [24,27,34,50] coupled to the contacts [38,39]. The contact opening is triggered by a thermal bimetallic strip [52]. An electromagnetic actuator [46] responds to a short circuit condition.

IPC 8 full level
H01H 71/52 (2006.01); **H01H 71/16** (2006.01); **H01H 71/24** (2006.01)

CPC (source: EP US)
H01H 71/526 (2013.01 - EP US); **H01H 71/16** (2013.01 - EP US); **H01H 71/2463** (2013.01 - EP US)

Citation (search report)

- [Y] FR 2613871 A3 19881014 - AVE SPA [IT]
- [Y] DE 10335704 A1 20050303 - ABB PATENT GMBH [DE]
- [A] EP 0710973 A1 19960508 - BTICINO SPA [IT]
- [A] WO 9719459 A1 19970529 - ENPECE SIGMA AB [SE]
- [A] DE 2933767 A1 19810326 - LICENTIA GMBH

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1760748 A2 20070307; **EP 1760748 A3 20080514**; **EP 1760748 B1 20130501**; CA 2557682 A1 20070228; CA 2557682 C 20140121; CN 1929068 A 20070314; CN 1929068 B 20121003; DE 102005041231 A1 20070301; DE 102005041231 B4 20091126; US 2007046403 A1 20070301; US 7528690 B2 20090505

DOCDB simple family (application)
EP 06015649 A 20060727; CA 2557682 A 20060829; CN 200610126622 A 20060830; DE 102005041231 A 20050831; US 51313206 A 20060831