

Title (en)
ELECTRICAL CIRCUIT BREAKER

Title (de)
ELEKTRISCHER SCHUTZSCHALTER

Title (fr)
COMMUTATEUR DE SÉCURITÉ ÉLECTRIQUE

Publication
EP 2013892 B1 20140611 (DE)

Application
EP 06724660 A 20060429

Priority
EP 2006004047 W 20060429

Abstract (en)
[origin: WO2007124775A1] In order to increase the ease of operation of a circuit breaker (2) it is provided that, as an operating device for manual actuation of a switching element (12) of the circuit breaker (2), a touch-sensitive control board (20) is integrated in a housing (16) of the circuit breaker (2).

IPC 8 full level
H01H 71/50 (2006.01); **H01H 71/04** (2006.01); **H01H 71/12** (2006.01); **H01H 71/74** (2006.01); **H01H 71/00** (2006.01)

CPC (source: EP US)
H01H 71/04 (2013.01 - EP US); **H01H 71/50** (2013.01 - EP US); **H01H 71/74** (2013.01 - EP US); **H01H 71/123** (2013.01 - EP US); **H01H 2071/006** (2013.01 - EP US); **H01H 2071/042** (2013.01 - EP US)

Citation (examination)

- US 4331997 A 19820525 - ENGEL JOSEPH C, et al
- DE 3049365 A1 19810924 - GEN ELECTRIC [US]
- US 5534833 A 19960709 - CASTONGUAY ROGER N [US], et al
- DE 60003575 T2 20040506 - SCHNEIDER ELECTRIC IND SAS [FR]
- DE 10120189 A1 20021114 - PRODEX TECHNOLOGIE GMBH [DE]
- "DIN EN 60715; German -- Abmessungen von Niederspannungsschaltgeraeten Genormte Tragschienen fuer die mechanische Befestigung von elektrischen Geraeten in Schaltanlagen (IEC 60715:1981 + A1:1995); Deutsche Fassung EN 60715:2001", DIN EN. EUROPEAN STANDARD. EUROPÄISCHE NORM. VDE., no. 60715:2001, 1 January 2001 (2001-01-01), pages 1 - 21, XP008137006
- "Built-in equipment for electrical installations; overall dimensions and related mounting dimensions", DEUTSCHE NORMEN. DIN NORM., no. 43880, 1 December 1988 (1988-12-01), pages 252 - 256, XP008136768

Cited by
US11017968B2

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

DOCDB simple family (publication)
WO 2007124775 A1 20071108; CA 2645209 A1 20071108; CN 101375361 A 20090225; DE 202006020498 U1 20080925; EP 2013892 A1 20090114; EP 2013892 B1 20140611; PL 2013892 T3 20141128; US 2009050455 A1 20090226

DOCDB simple family (application)
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