

Title (en)
Circuit breaker

Title (de)
Schutzschalter

Title (fr)
Disjoncteur

Publication
EP 2023366 A3 20100310 (EN)

Application
EP 07024632 A 20071219

Priority
JP 2007207998 A 20070809

Abstract (en)
[origin: EP2023366A2] A circuit breaker includes inside a crossbar 7, a lower link 6, a lever 4 that rotates during tripping of the circuit breaker, an upper link 12 that configures a toggle link, and main springs 2, with the circuit breaker also including a handle arm 3 that cooperates with these. The handle arm 3 comprises a frame body whose cross section is substantially U-shaped and where one end of two side plates 3b and 3c are joined together by a structural body. At least one of the side plates 3b and 3c is a separate part fixedly attached to the structural body, and the side plates 3b and 3c are fixedly attached to the structural body at positions that do not line up in a straight line on the side plates.

IPC 8 full level
H01H 71/52 (2006.01)

CPC (source: EP)
H01H 71/521 (2013.01); **H01H 71/525** (2013.01)

Citation (search report)

- [AD] JP 2006196242 A 20060727 - FUJI ELECTRIC HOLDINGS
- [A] US 5931289 A 19990803 - CHOU YU WEI [US]
- [A] JP 2000182502 A 20000630 - NITTO ELECTRIC WORKS LTD

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2023366 A2 20090211; **EP 2023366 A3 20100310**; **EP 2023366 B1 20110309**; CN 101364507 A 20090211; CN 101364507 B 20110504; DE 602007013035 D1 20110421; JP 2009043605 A 20090226; JP 4814848 B2 20111116

DOCDB simple family (application)
EP 07024632 A 20071219; CN 200810088001 A 20080324; DE 602007013035 T 20071219; JP 2007207998 A 20070809