

Title (en)
Circuit breaker

Title (de)
Schutzschalter

Title (fr)
Disjoncteur

Publication
EP 2023366 A2 20090211 (EN)

Application
EP 07024632 A 20071219

Priority
JP 2007207998 A 20070809

Abstract (en)
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)

Designated contracting state (EPC)
DE FR IT

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