

Title (en)

Latch mechanism for a circuit breaker, particularly for a protective switch for a motor

Title (de)

Schalt Schloss für ein elektrisches Schaltgerät, insbesondere für einen Motorschutzschalter

Title (fr)

Mécanisme de verrouillage pour un disjoncteur, en particulier pour disjoncteur pour moteur

Publication

EP 1284494 B1 20111005 (DE)

Application

EP 02017184 A 20020731

Priority

DE 10139917 A 20010814

Abstract (en)

[origin: EP1284494A2] Two levers (30,33) lie in parallel and perpendicular to the direction of force of a release device. A third lever (43) is rotatably fixed at one end, and forms a latching point at its other end with the second lever. An articulated lever is formed from an intermediate lever jointed to the third lever and a link (52) whose free end is linearly guided and coupled to a moving part of a contact. The linear guide extends perpendicular to the direction of motion of the release device.

IPC 8 full level

H01H 71/50 (2006.01); **H01H 71/52** (2006.01); **H01H 71/56** (2006.01)

CPC (source: EP)

H01H 71/505 (2013.01); **H01H 71/522** (2013.01); **H01H 71/56** (2013.01); **H01H 2071/508** (2013.01)

Citation (examination)

EP 0327502 A1 19890809 - MAIER & CIE C [CH]

Cited by

EP1722388A1; EP3002773A1; CN106206107A

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1284494 A2 20030219; **EP 1284494 A3 20041103**; **EP 1284494 B1 20111005**; DE 10139917 A1 20030227

DOCDB simple family (application)

EP 02017184 A 20020731; DE 10139917 A 20010814