

Title (en)

Three-pole circuit breaker and method of manufacturing

Title (de)

Dreipoliger Leistungsschalter und Verfahren zu seiner Herstellung

Title (fr)

Interrupteur tripolaire et son procédé de fabrication

Publication

EP 1775744 B1 20110824 (DE)

Application

EP 06121718 A 20061004

Priority

DE 102005049181 A 20051014

Abstract (en)

[origin: EP1775744A2] The three pole power switch (1) has a switch lock (14), where each pole (5-7) has its own rapid short circuit trip (19-22) to act on a trip shaft. The lock has four adjacent poles, where the two inner poles (6',6'') are switched in parallel as a common inner pole. The inner poles and an outer pole (5), on a short circuit, act against the pressure of an elastic return unit (24) at a part shaft (23) of the trip shaft. The trip, on a short circuit at the other outer pole (7), acts against an elastic return unit on a second plastics part shaft (28) to lock the part shafts together.

IPC 8 full level

H01H 71/10 (2006.01)

CPC (source: EP)

H01H 71/1045 (2013.01); **H01H 2009/0094** (2013.01); **H01H 2071/1036** (2013.01)

Cited by

US8115123B2; WO2008131881A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1775744 A2 20070418; **EP 1775744 A3 20081105**; **EP 1775744 B1 20110824**; DE 102005049181 A1 20070419;
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