

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;  
DE 102005049181 B4 20090827

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