

Title (en)  
Circuit and/or apparatus protection switch

Title (de)  
Leitungs- und/oder Geräteschutzschalter

Title (fr)  
Disjoncteur pour circuit et/ou appareil

Publication  
**EP 1365432 B1 20100303 (DE)**

Application  
**EP 03010996 A 20030516**

Priority  
• DE 10222360 A 20020521  
• DE 10305287 A 20030207

Abstract (en)  
[origin: EP1365432A1] The device has a first separation point, a first magnet mechanism and a first slower movement mechanism in series in a main current path from input to output, a second separation point, a resistance and a further slower movement mechanism in series in an auxiliary current path from input to output and a third separation point, a second resistance and a second magnet mechanism in series towards the null conductor or the conductor of another phase. The line and/or equipment protection switch has a first separation point, a first magnet mechanism and a first slower movement mechanism (2) in series in a main current path in the direction from input to output, a second separation point, a resistance and a further slower movement mechanism in series in an auxiliary current path in the direction from input to output and a third separation point, a second resistance and a second magnet mechanism in series in the direction of the null conductor or the conductor of another phase.

IPC 8 full level  
**H01H 71/10** (2006.01); **H01C 1/01** (2006.01); **H01C 1/036** (2006.01); **H01C 3/14** (2006.01); **H01H 75/04** (2006.01); **H01H 71/16** (2006.01); **H01H 71/50** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP)  
**H01C 1/01** (2013.01); **H01C 1/036** (2013.01); **H01C 3/14** (2013.01); **H01H 71/1081** (2013.01); **H01H 75/04** (2013.01); **H01H 1/2066** (2013.01); **H01H 71/164** (2013.01); **H01H 71/501** (2013.01); **H01H 71/526** (2013.01)

Cited by  
WO2008131900A1; CN102047370A; EP2750157A1; CN103903917A; WO2009146900A1; US8093984B2

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1365432 A1 20031126; EP 1365432 B1 20100303; EP 1365432 B8 20100519**; AU 2003204284 A1 20031211; AU 2003204284 B2 20080918; DE 50312466 D1 20100415

DOCDB simple family (application)  
**EP 03010996 A 20030516**; AU 2003204284 A 20030521; DE 50312466 T 20030516