

Title (en)  
Ground fault circuit braker

Title (de)  
Fehlerstromschutzschalter

Title (fr)  
Disjoncteur à courant de défaut

Publication  
**EP 0951045 A3 20000712 (DE)**

Application  
**EP 99106744 A 19990403**

Priority  
• DE 19816459 A 19980414  
• DE 19912416 A 19990319

Abstract (en)  
[origin: EP0951045A2] The switch includes an electromagnetic error current release (25) which comprises a pestle (26), whose movement is transferred to a locking point (16, 18) of a switching lock, suitable for a conductor protection switch. A further locking point (30, 36) is arranged between the pestle and the first locking point, through which a spring-loaded trigger element (28) is activated to release the first locking point. The switch includes an electromagnetic error current release (25) which comprises a pestle (26), whose movement is transferred to a locking point (16, 18) of a switching lock, suitable for a conductor protection switch. A further locking point (30, 36) is arranged between the pestle and the first locking point, through which a spring-loaded trigger element (28) is activated to release the first locking point, so that the switching lock suitable for a conductor protection switch can be used in the error current protection switch. The release and an auxiliary control mechanism with the further locking point are fastened to a common carrier (27).

IPC 1-7  
**H01H 83/02**; **H01H 83/20**

IPC 8 full level  
**H01H 83/02** (2006.01)

CPC (source: EP)  
**H01H 83/02** (2013.01)

Citation (search report)  
• [X] US 3919674 A 19751111 - ACAMPORA VINCENT PAUL, et al  
• [A] EP 0241412 A1 19871014 - SIEMENS AG [DE]  
• [A] DE 1802115 A1 19690508 - AIRPAX ELECTRONICS  
• [DA] DE 3733595 A1 19890420 - ASEA BROWN BOVERI [DE]

Cited by  
CN113192798A

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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