

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]
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• [DA] DE 3733595 A1 19890420 - ASEA BROWN BOVERI [DE]

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CN113192798A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0951045 A2 19991020; EP 0951045 A3 20000712

DOCDB simple family (application)
EP 99106744 A 19990403