

Title (en)
Selective tripping system

Title (de)
Anordnug zur selektiven Auslösung

Title (fr)
Dispositif pour le déclenchement sélectif

Publication
EP 1237171 A3 20040317 (DE)

Application
EP 02003395 A 20020214

Priority
DE 10109951 A 20010301

Abstract (en)
[origin: EP1237171A2] The arrangement has an electromagnetic short circuit trigger (4) per main currant path with a spring loaded hinged armature (11) in contact with a setting element (4) for all main current paths when at rest and attracted by a magnet yoke (12) carrying current in the short circuit case. A contact element (14) for outputting the blocking signal arranged between the armature and the yoke is changed from open to closed by the attracting armature. The arrangement has an actuating mechanism with a latching device, whereby a switch subject to a short circuit delivers a blocking signal to the actuating mechanism or triggering system of the preceding switch. An electromagnetic short circuit trigger (4) is provided for each main currant path with its spring loaded hinged armature (11) in contact with a setting element (4) for all main current paths when at rest and attracted by a magnet yoke (12) carrying current in the short circuit case. A contact element (14) for outputting the blocking signal arranged between the armature and the yoke is changed from open to closed by the attracting armature.

IPC 1-7
H01H 71/10; **H01H 71/46**

IPC 8 full level
H01H 71/10 (2006.01); **H01H 71/46** (2006.01)

CPC (source: EP)
H01H 71/1081 (2013.01); **H01H 71/46** (2013.01)

Citation (search report)

- [Y] EP 1065690 A2 20010103 - MOELLER GMBH [DE]
- [Y] DE 480308 C 19290813 - AEG
- [A] DE 1087680 B 19600825 - ELEKTROSCHALTGERAETE GOERLITZ
- [A] FR 2325224 A1 19770415 - ELEKTRO APP WERKE VEB [DD]
- [A] EP 0535844 A1 19930407 - EATON CORP [US]

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

DOCDB simple family (publication)
EP 1237171 A2 20020904; **EP 1237171 A3 20040317**; **EP 1237171 B1 20060607**; DE 10109951 A1 20020905; DE 50207049 D1 20060720

DOCDB simple family (application)
EP 02003395 A 20020214; DE 10109951 A 20010301; DE 50207049 T 20020214