Title (en)
SYSTEM AND METHOD FOR RESETTING MODULAR CIRCUIT BREAKERS

Title (de)
RÜCKSTELLEINRICHTUNG UND -VORRICHTUNG FÜR MODULARE SCHUTZSCHALTER

Title (fr)
SYSTEME ET PROCEDE DE REENCLENCHEMENT POUR DISJONCTEURS MODULAIRES

Publication
EP 1131875 A1 20010912 (FR)

Application
EP 99956082 A 19991118

Priority
• FR 9902837 W 19991118
• FR 9814671 A 19981120
• FR 9814672 A 19981120

Abstract (en)
[origin: WO0031850A1] The invention concerns a system for resetting (1) modular circuit breakers comprising a main resetting unit (2) and at least a secondary resetting unit (3), and a method for managing said system. Each main or secondary resetting unit monitors the presence or absence of voltage downstream of at least one modular circuit breaker (4) which is assigned to it and manages the triggering and resetting thereof. The main resetting unit and the secondary resetting units are each provided with at least a programmable microcontroller and are mutually connected by a connecting bus bar (5). The method for managing the resetting comprises the following steps: monitoring the presence or absence of voltage downstream of the circuit breaker, and in case of absence of voltage, triggering a delayed timing for resetting. After the delayed timing for resetting has elapsed, the circuit breaker is reset and a delayed timing for inter-resetting is triggered. The delayed timings for resetting (Trr) and inter-resetting are individually adjustable for each resetting and each modular circuit breaker.

IPC 1-7
H02H 7/26; H02H 3/06

IPC 8 full level
H02H 3/06 (2006.01); **H02H 3/07** (2006.01); **H02H 7/26** (2006.01); H02H 3/00 (2006.01)

CPC (source: EP)
H02H 3/06 (2013.01); **H02H 3/063** (2013.01); **H02H 3/07** (2013.01); **H02H 7/261** (2013.01); H02H 3/006 (2013.01)

Citation (search report)
See references of WO 0031850A1

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)
WO 0031850 A1 20000602; EP 1131875 A1 20010912

DOCDB simple family (application)
FR 9902837 W 19991118; EP 99956082 A 19991118