

Title (en)

DEVICE FOR GENERATING AUXILIARY ENERGY FOR A TRIGGER SYSTEM, AND OPERATING MODE

Title (de)

ANORDNUNG ZUR GEWINNUNG EINER HILFSENERGIE FÜR EIN AUSLÖSESYSTEM UND VERWENDUNG DERSELBEN

Title (fr)

DISPOSITIF POUR OBTENIR UNE ENERGIE AUXILIAIRE POUR UN SYSTEME DE DECLENCHEMENT, ET MODE D'EMPLOI

Publication

EP 1016112 B1 20011212 (DE)

Application

EP 98954194 A 19980914

Priority

- DE 9802774 W 19980914
- DE 19741659 A 19970916
- DE 19843245 A 19980911

Abstract (en)

[origin: WO9914779A1] The invention relates to a device designed to generate auxiliary energy intended for operating the trigger mechanism of a low voltage circuit-breaker. Said device presents a closing control in a mobile interrupter contact (1) as well as a generator (23) which is activated as a result of the interrupter contact closing (1). The generator (23), whether piezoelectric or otherwise, can be designed as an ending stop (33), which is used as a limit switch for the actuating device (7) when closing the interrupter contact (1). The output value appearing at the generator (23) is used, when power is supplied after a short circuit, as a signal for triggering the immediate activation of the voltage circuit-breaker.

IPC 1-7

H01H 71/10

IPC 8 full level

H01H 71/10 (2006.01); **H01H 71/12** (2006.01); **H02N 2/18** (2006.01)

CPC (source: EP)

H01H 71/10 (2013.01); **H01H 71/127** (2013.01)

Cited by

DE102009033542B4; DE102009033542A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9914779 A1 19990325; DE 19843245 A1 19990812; DE 59802469 D1 20020124; EP 1016112 A1 20000705; EP 1016112 B1 20011212

DOCDB simple family (application)

DE 9802774 W 19980914; DE 19843245 A 19980911; DE 59802469 T 19980914; EP 98954194 A 19980914