

Title (en)

SHORT-CIRCUIT AND OVERLOAD RELEASE FOR A SWITCHGEAR

Title (de)

KURZSCHLUSS- UND ÜBERLASTAUSLÖSER FÜR EIN SCHALTGERÄT

Title (fr)

DECLENCHEUR DE PROTECTION CONTRE LE COURT-CIRCUIT ET LA SURCHARGE POUR DISPOSITIF DE COMMUTATION

Publication

EP 1658628 A1 20060524 (DE)

Application

EP 04764519 A 20040826

Priority

- EP 2004009544 W 20040826
- DE 10340003 A 20030829

Abstract (en)

[origin: WO2005024879A1] Switchgears wherein piezoelectric converters have the function of an actuator are known. According to the invention, a magnetic actuator (5) is associated with the piezoelectric converter (11) as an actuator for unlocking the switch latch (10), in order to provide an overload and short-circuit protection. The piezoelectric converter (11) can be used in conjunction with the solenoid as a sensor for determining the circulating flow.

IPC 1-7

H01H 71/12

IPC 8 full level

H01H 71/12 (2006.01)

CPC (source: EP)

H01H 71/127 (2013.01)

Citation (search report)

See references of WO 2005024879A1

Cited by

CN110262387A

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 2005024879 A1 20050317; CN 1856856 A 20061101; DE 10340003 A1 20050407; DE 10340003 B4 20060216; EP 1658628 A1 20060524

DOCDB simple family (application)

EP 2004009544 W 20040826; CN 200480024806 A 20040826; DE 10340003 A 20030829; EP 04764519 A 20040826