

Title (en)

LOAD INTERRUPTER FOR AN ENCAPSULATED SWITCHGEAR AND PERMANENT MAGNET SYSTEM FOR A LOAD INTERRUPTER

Title (de)

LASTTRENNSCHALTER FÜR EINE GEKAPSELTE SCHALTANLAGE UND PERMANENTMAGNETSYSTEM FÜR EINEN  
LASTTRENNSCHALTER

Title (fr)

SECTIONNEUR DE CHARGE POUR POSTE DE COMMUTATION BLINDE, ET SYSTEME D'AIMANT PERMANENT POUR SECTIONNEUR DE  
CHARGE

Publication

**EP 1961027 B1 20131113 (DE)**

Application

**EP 06830547 A 20061212**

Priority

- EP 2006069594 W 20061212
- DE 102005060633 A 20051213

Abstract (en)

[origin: WO2007068693A1] According to the invention, a load interrupter for an encapsulated, gas-insulated switchgear comprising at least one contact system with a fixed contact arrangement and a moving contact arrangement and a permanent magnet system provided on the fixed contact may be produced having a high switching capacity whilst being simple and economical of construction, by means of fixing the permanent magnet system externally to the fixed contact arrangement with an electrical connection such that on opening the load interrupter the arc which occurs runs to the permanent magnet system.

IPC 8 full level

**H01H 33/18** (2006.01); **H01H 1/42** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP NO)

**H01H 33/123** (2013.01 - EP NO); **H01H 33/182** (2013.01 - EP NO); **H01H 1/42** (2013.01 - EP NO); **H01H 33/187** (2013.01 - EP NO)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102005060633 A1 20070614**; CN 101331572 A 20081224; CN 101331572 B 20121205; EP 1961027 A1 20080827;  
EP 1961027 B1 20131113; ES 2437580 T3 20140113; HK 1124169 A1 20090703; NO 20082898 L 20080908; NO 340194 B1 20170320;  
WO 2007068693 A1 20070621

DOCDB simple family (application)

**DE 102005060633 A 20051213**; CN 200680046885 A 20061212; EP 06830547 A 20061212; EP 2006069594 W 20061212;  
ES 06830547 T 20061212; HK 09104181 A 20090506; NO 20082898 A 20080625