

Title (en)

Thermo fuse switch for braking resistor

Title (de)

Thermosicherungsschalter für Bremswiderstand

Title (fr)

interrupteur fusible thermique pour résistance de freinage

Publication

**EP 1648007 B1 20070711 (DE)**

Application

**EP 05016745 A 20050802**

Priority

DE 202004015807 U 20041013

Abstract (en)

[origin: EP1648007A1] An insulating interrupting slider is provided in the contact plane, to interrupt and completely cover the contact surfaces of contacts of the braking resistance of the electric motor, without arcing. The slider is moved by a switching spring which is activated by a fusible bar which releases when the melting temperature is reached.

IPC 8 full level

**H01H 9/32** (2006.01); **H01C 10/14** (2006.01); **H01C 10/50** (2006.01); **H01H 37/76** (2006.01)

CPC (source: EP)

**H01C 10/14** (2013.01); **H01C 10/50** (2013.01); **H01H 9/32** (2013.01); **H01H 37/76** (2013.01); **H01H 37/761** (2013.01); **H01H 2037/762** (2013.01)

Cited by

CN109317619A; WO2010046062A3

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)

**EP 1648007 A1 20060419**; **EP 1648007 B1 20070711**; AT E366990 T1 20070815; DE 202004015807 U1 20050113; DE 502005001008 D1 20070823

DOCDB simple family (application)

**EP 05016745 A 20050802**; AT 05016745 T 20050802; DE 202004015807 U 20041013; DE 502005001008 T 20050802