

Title (en)

PROTECTION DEVICE AGAINST OVERVOLTAGE INCLUDING A DISCONNECTION ACCESSORY

Title (de)

VORRICHTUNG ZUM SCHUTZ VOR ÜBERSpannung MIT ABSCHALTZUBEHÖR

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS COMPORTANT UN AUXILIAIRE DE DECONNEXION

Publication

**EP 2232518 A2 20100929 (FR)**

Application

**EP 08872654 A 20081218**

Priority

- FR 2008001777 W 20081218
- FR 0708820 A 20071218

Abstract (en)

[origin: FR2925216A1] The device has a mechanical unit constituted of a triggering bar (15) and a mast (21) cooperated with a set of heat-sensitive units e.g. bi-metal switch (19), and a trigger device of an electrical disconnecting apparatus e.g. magnetic switch. The heat-sensitive units and the mechanical unit are arranged so that the heat-sensitive units cause displacement of the mechanical unit from the deformation of the heat-sensitive units to activate the trigger system when the heat-sensitive units exceed a given temperature threshold.

IPC 8 full level

**H01H 83/10** (2006.01); **H02H 5/04** (2006.01); **H02H 9/04** (2006.01)

CPC (source: EP US)

**H01H 83/10** (2013.01 - EP US); **H01H 83/20** (2013.01 - EP US); **H01H 2083/206** (2013.01 - EP US); **H01H 2089/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2009103896A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**FR 2925216 A1 20090619; FR 2925216 B1 20100423**; CN 101946297 A 20110112; CN 101946297 B 20141022; EP 2232518 A2 20100929; EP 2232518 B1 20131106; ES 2442503 T3 20140211; US 2011013330 A1 20110120; US 8514538 B2 20130820; WO 2009103896 A2 20090827; WO 2009103896 A3 20091112; WO 2009103896 A8 20100805

DOCDB simple family (application)

**FR 0708820 A 20071218**; CN 200880127170 A 20081218; EP 08872654 A 20081218; ES 08872654 T 20081218; FR 2008001777 W 20081218; US 80924508 A 20081218