

Title (en)

DEVICE FOR PROTECTING A COMPONENT TO BE PROTECTED FROM THERMAL OVERLOAD

Title (de)

VORRICHTUNG ZUM SCHUTZ VOR THERMISCHER ÜBERLASTUNG EINES ZU SCHÜTZENDEN BAUTEILS

Title (fr)

DISPOSITIF DE PROTECTION D'UN COMPOSANT CONTRE LES SURCHARGES THERMIQUES

Publication

**EP 2878050 A1 20150603 (DE)**

Application

**EP 13765961 A 20130715**

Priority

- DE 102012014595 A 20120724
- EP 2013064915 W 20130715

Abstract (en)

[origin: WO2014016156A1] The invention relates to a device (1) for protecting a component (EB) to be protected from thermal overload. The device (1) has an actuating unit (B) which, when it is in service, is brought into thermal contact with the component (EB) to be protected and which is capable of actuating a switch (S) when a defined temperature (Tschalt) is reached. The switch (S) can be used both as a disconnect switch and as a short-circuit switch in relation to the component (EB) to be protected, the switch (S) additionally having a selection unit (A) with which it is possible to select whether the switch (S) is to be used as a disconnect switch or as a short-circuit switch in relation to the component (EB) to be protected.

IPC 8 full level

**H01T 1/14** (2006.01); **H01C 7/12** (2006.01); **H01H 37/76** (2006.01); **H02K 1/02** (2006.01)

CPC (source: EP US)

**H01C 7/12** (2013.01 - EP US); **H01H 37/76** (2013.01 - EP US); **H01T 1/14** (2013.01 - EP US); **H02H 5/047** (2013.01 - US)

Citation (search report)

See references of WO 2014016156A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014016156 A1 20140130**; CN 104488149 A 20150401; DE 102012014595 A1 20140130; EP 2878050 A1 20150603;  
US 2015180223 A1 20150625; US 9831660 B2 20171128

DOCDB simple family (application)

**EP 2013064915 W 20130715**; CN 201380039547 A 20130715; DE 102012014595 A 20120724; EP 13765961 A 20130715;  
US 201314416115 A 20130715