

Title (en)

DISCONNECTING DEVICE FOR A SURGE ARRESTER

Title (de)

ABTRENNVORRICHTUNG FÜR EINEN ÜBERSPANNUNGSABLEITER

Title (fr)

DISPOSITIF DE SECTIONNEMENT POUR PARAFOUDRE

Publication

**EP 3673497 B1 20210714 (DE)**

Application

**EP 19725355 A 20190520**

Priority

- DE 102018114564 A 20180618
- EP 2019062906 W 20190520

Abstract (en)

[origin: WO2019242959A1] The invention relates to a disconnecting device for a surge arrester that is held by a support body, with plug contacts, which are connected to at least one arrester element of the surge arrester, extending from the support body. The invention furthermore comprises a switch blade, which is connected at a first end via a thermal separation point to the arrester element and by a second end to one of the plug contacts. Furthermore, an insulating, spring-biased disconnecting support, which is pivotally mounted on the support body, is provided, wherein the spring bias acts on the thermal separation point via the switch blade. According to the invention, the switch blade is in the form of a planar, elongate, metallic, resiliently elastic disconnecting strip with a rectangular cross section.

IPC 8 full level

**H01C 7/12** (2006.01); **H01H 9/02** (2006.01); **H01H 37/76** (2006.01); **H01T 1/14** (2006.01)

CPC (source: EP US)

**H01C 7/126** (2013.01 - EP); **H01H 37/761** (2013.01 - EP US); **H01H 71/02** (2013.01 - US); **H01H 71/08** (2013.01 - US);  
**H01H 71/10** (2013.01 - US); **H01H 2009/0292** (2013.01 - EP); **H01H 2037/762** (2013.01 - EP US); **H01H 2037/763** (2013.01 - EP);  
**H01T 1/14** (2013.01 - EP)

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

DOCDB simple family (publication)

**DE 102018114564 A1 20191219; DE 102018114564 B4 20230119;** CN 112514008 A 20210316; CN 112514008 B 20220719;  
EP 3673497 A1 20200701; EP 3673497 B1 20210714; ES 2887304 T3 20211222; JP 2021527929 A 20211014; PL 3673497 T3 20211206;  
SI 3673497 T1 20211130; US 11476071 B2 20221018; US 2021125804 A1 20210429; WO 2019242959 A1 20191226

DOCDB simple family (application)

**DE 102018114564 A 20180618;** CN 201980048162 A 20190520; EP 19725355 A 20190520; EP 2019062906 W 20190520;  
ES 19725355 T 20190520; JP 2020570528 A 20190520; PL 19725355 T 20190520; SI 201930096 T 20190520; US 201917251895 A 20190520