

Title (en)

PROCESS FOR THE DIMENSIONING OF AN ARRESTING ELEMENT CUT-OFF SWITCH FOR A SURGE ABSORBERARRESTER

Title (de)

VERFAHREN ZUR DIMENSIONIERUNG EINER ABTRENNVORRICHTUNG FÜR ÜBERSpannungsABLEITER

Title (fr)

PROCÉDÉ POUR DIMENSIONNER UN DISPOSITIF DE SÉPARATION POUR PARATONNERRE

Publication

**EP 2011128 B1 20160330 (DE)**

Application

**EP 07727670 A 20070403**

Priority

- EP 2007053198 W 20070403
- DE 102006019498 A 20060426
- DE 102006036598 A 20060804

Abstract (en)

[origin: DE102006036598A1] The method involves supporting pretensioning force adjacent to a permanently acting another pretensioning force by third pretensioning force and additional switching force. The former pretensioning force acts on a switching guide (4c) and/or a soldered joint of the guide of an over-voltage protection for producing the switching force. The distribution of the forces is adjusted in such a manner that a small resulting force acts on the soldered joint, and a large resulting force executes a switching movement of the over-voltage protection during an soldering process in an idle state. An independent claim is also included for a separating device, which is dimensioned and manufactured according to a dimensioning method.

IPC 8 full level

**H01H 37/76** (2006.01)

CPC (source: EP)

**H01C 7/126** (2013.01); **H01H 37/761** (2013.01); **H01H 2037/763** (2013.01)

Cited by

DE102018114564A1; DE202018006119U1; DE102017129660A1; WO2019011631A1; DE102017129660B4; WO2019242959A1; US11476071B2; DE102018114564B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102006036598 A1 20071031**; CN 101427327 A 20090506; CN 101427327 B 20110406; EP 2011128 A1 20090107; EP 2011128 B1 20160330; ES 2579908 T3 20160817; JP 2009534804 A 20090924; JP 5059099 B2 20121024; PL 2011128 T3 20160930; RU 2008145659 A 20100610; RU 2410781 C2 20110127; SI 2011128 T1 20160729; WO 2007125000 A1 20071108

DOCDB simple family (application)

**DE 102006036598 A 20060804**; CN 200780014608 A 20070403; EP 07727670 A 20070403; EP 2007053198 W 20070403; ES 07727670 T 20070403; JP 2009507016 A 20070403; PL 07727670 T 20070403; RU 2008145659 A 20070403; SI 200731785 A 20070403