

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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