

Title (en)

SURGE DIVERTER COMPRISING A HOUSING AND AT LEAST ONE DIVERTING ELEMENT, ESPECIALLY A VARISTOR

Title (de)

ÜBERSpannungsableiter mit einem Gehäuse und mindestens einem Ableitelement, insbesondere einem Varistor

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS COMPRENANT UN BOÎTIER ET AU MOINS UN ÉLÉMENT DE DÉRIVATION, EN PARTICULIER UNE VARISTANCE

Publication

EP 2208208 B1 20110608 (DE)

Application

EP 08846127 A 20081030

Priority

- EP 2008064707 W 20081030
- DE 102007051856 A 20071030
- DE 102008013448 A 20080310

Abstract (en)

[origin: WO2009056587A1] The invention relates to a surge diverter comprising a housing, at least one diverting element, especially a varistor, and a device for disconnecting the diverting element/s from the mains. The disconnecting device encompasses an isolating point, particularly a soldered joint, which is integrated into the electrical connection path within the diverter. Via the soldered joint, a movable conductor section or a movable conducting bridge is connected to the diverting element, and the conductor section or the bridge is connected to a first external electrical connection of the diverter. The disconnecting device also encompasses a means generating a biasing force, e.g. a spring, the force vector of which acts on the conductor section or the bridge in the disconnecting direction. According to the invention, a commutation branch is provided in parallel to the disconnecting device. Said commutation branch is permanently electrically connected in parallel once a defined voltage has been reached over the disconnecting device or in accordance with a predefined disconnecting distance of the disconnecting device.

IPC 8 full level

H01C 7/12 (2006.01); **H01H 37/76** (2006.01); **H02H 9/04** (2006.01)

CPC (source: EP)

H01C 7/12 (2013.01); **H01H 37/761** (2013.01)

Cited by

WO2022164393A1

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

DOCDB simple family (publication)

DE 102008013448 A1 20090507; **DE 102008013448 B4 20181011**; AT E512444 T1 20110615; EP 2208208 A1 20100721; EP 2208208 B1 20110608; WO 2009056587 A1 20090507

DOCDB simple family (application)

DE 102008013448 A 20080310; AT 08846127 T 20081030; EP 08846127 A 20081030; EP 2008064707 W 20081030