

Title (en)

OVERVOLTAGE PROTECTION DEVICE INCLUDING MULTIPLE VARISTOR WAFERS

Title (de)

ÜBERSpannungsschutzvorrichtung mit mehreren Varistorwafeln

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS COMPRENANT DE MULTIPLES PASTILLES DE VARISTANCE

Publication

EP 3413320 B1 20200812 (EN)

Application

EP 18190872 A 20180825

Priority

US 201715795986 A 20171027

Abstract (en)

[origin: EP3413320A2] An overvoltage protection device (100) includes a first electrode member (122), a piston-shaped second electrode member (124), and a varistor assembly (150). The varistor assembly includes: a plurality of varistor wafers (152, 154, 156) each formed of a varistor material; and at least one electrically conductive interconnect member (160, 162) connecting the varistor wafers in electrical parallel between the first and second electrode members. The varistor wafers are axially stacked between the first and second electrodes. The assembly further comprises a bonding agent (164, 164') bonding at least two of the varistor wafers in the varistor assembly to one another.

IPC 8 full level

H01C 7/102 (2006.01); **H01C 7/12** (2006.01)

CPC (source: CN EP)

H01C 1/14 (2013.01 - CN); **H01C 7/001** (2013.01 - CN); **H01C 7/102** (2013.01 - EP); **H01C 7/12** (2013.01 - CN EP); **H01C 7/123** (2013.01 - EP); **H01C 7/126** (2013.01 - CN); **H01C 17/00** (2013.01 - CN)

Cited by

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DOCDB simple family (publication)

EP 3413320 A2 20181212; **EP 3413320 A3 20190724**; **EP 3413320 B1 20200812**; CN 109727739 A 20190507; CN 109727739 B 20220809; CN 115116683 A 20220927; CY 1123713 T1 20220324; DK 3413320 T3 20201109; EP 3716296 A2 20200930; EP 3716296 A3 20201021; ES 2827702 T3 20210524; HR P20201798 T1 20210108; HU E051788 T2 20210329; PL 3413320 T3 20210125; PT 3413320 T 20201026; RS 61022 B1 20201231; SI 3413320 T1 20201130

DOCDB simple family (application)

EP 18190872 A 20180825; CN 201811257996 A 20181026; CN 202210907190 A 20181026; CY 201101020 T 20201029; DK 18190872 T 20180825; EP 20174839 A 20180825; ES 18190872 T 20180825; HR P20201798 T 20201110; HU E18190872 A 20180825; PL 18190872 T 20180825; PT 18190872 T 20180825; RS P20201341 A 20180825; SI 201830133 T 20180825