

Title (en)

OVERVOLTAGE PROTECTION DEVICE INCLUDING MULTIPLE VARISTOR WAFERS

Title (de)

ÜBERSpannungSSchutzVORRICHTUNG MIT MEHREREN VARISTORWAFERN

Title (fr)

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

Publication

**EP 3716296 A2 20200930 (EN)**

Application

**EP 20174839 A 20180825**

Priority

- US 201715795986 A 20171027
- EP 18190872 A 20180825

Abstract (en)

An overvoltage protection device includes a first electrode member, a second electrode member, and a varistor assembly. The varistor assembly includes: a plurality of varistor wafers each formed of a varistor material; and at least one electrically conductive interconnect member 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.

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)

Citation (applicant)

- US 201715795986 A 20171027
- US 7433169 B2 20081007 - KAMEL SHERIF I [US], et al

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

Designated extension state (EPC)

BA ME

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