

Title (en)
Circuit protection device

Title (de)
Schaltungsschutzeinrichtung

Title (fr)
Dispositif de protection d'un circuit

Publication
EP 2811493 A3 20141231 (EN)

Application
EP 14170250 A 20140528

Priority
US 201313910600 A 20130605

Abstract (en)
[origin: EP2811493A2] A voltage suppression device (10) for suppressing voltage surges in an electrical circuit having a voltage sensitive assembly (52) comprised of a plurality of tubular sections within a tubular casing (32).

IPC 8 full level
H01C 7/12 (2006.01); **H01T 1/14** (2006.01)

CPC (source: EP)
H01C 7/126 (2013.01); **H01T 1/14** (2013.01)

Citation (search report)

- [X] US 2013114177 A1 20130509 - MOSESIAN JERRY L [US], et al
- [A] US 4587589 A 19860506 - MAREK ALOIS [CH]
- [A] US 5210676 A 19930511 - MASHIKIAN MATTHEW S [US]
- [A] US 7106572 B1 20060912 - GIRARD FRANCOIS [FR]
- [A] DE 4331215 A1 19940331 - SIEMENS AG [DE]

Cited by
DE102016119202B4; DE102016119202A1

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 2811493 A2 20141210; EP 2811493 A3 20141231; CA 2851850 A1 20141205; CA 2851850 C 20151020; CN 104242283 A 20141224; JP 2014239640 A 20141218; JP 5847236 B2 20160120; KR 101634862 B1 20160629; KR 20140143096 A 20141215

DOCDB simple family (application)
EP 14170250 A 20140528; CA 2851850 A 20140509; CN 201410245848 A 20140605; JP 2014110720 A 20140529; KR 20140066861 A 20140602