

Title (en)

CAGE-TYPE SURGE ARRESTER AND METHOD FOR PRODUCING THE SAME

Title (de)

ÜBERSpannungsableiter mit Käfig-Design und Herstellungsverfahren für diesen

Title (fr)

COUPE-CIRCUIT DE SURTENSION DE TYPE CAGE ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 1977434 A1 20081008 (DE)

Application

EP 06830827 A 20061222

Priority

- EP 2006070196 W 20061222
- DE 102006003579 A 20060125

Abstract (en)

[origin: WO2007085338A1] The invention relates to a cage-type surge arrester and to a method for producing the same. The outer casing (5) is produced by extrusion-molding or casting around a module which is composed of two end fittings (3) and a plurality of varistor blocks (1) and at least one reinforcing element (9) and first through-holes (11) for the reinforcing elements (9) and said casing is sealed off with silicone. For this purpose, second through-holes (15) are provided in the end fittings (3), silicone running through them during casting or injection-molding and penetrating the through-holes (11), thereby sealing the same from water or moisture.

IPC 8 full level

H01C 7/12 (2006.01)

CPC (source: EP KR US)

H01C 7/12 (2013.01 - EP KR US); **H01C 7/123** (2013.01 - EP US); **Y10T 29/49082** (2015.01 - EP US)

Citation (search report)

See references of WO 2007085338A1

Cited by

WO2018065034A1; DE102011078210A1; US9318892B2; DE102012207928A1; WO2013167440A1; DE102012207914A1; WO2013167445A1; DE102011078207A1; WO2013000781A1; EP3232448A1; DE102016206176A1; US10043603B2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007085338 A1 20070802; AR 059152 A1 20080312; AT E438186 T1 20090815; AU 2006336899 A1 20070802; AU 2006336899 B2 20130307; BR PI0621242 A2 201111206; CN 101336459 A 20081231; CN 101336459 B 20110803; DE 102006003579 A1 20070906; DE 102006003579 B4 20071025; DE 202006020436 U1 20080710; DE 502006004414 D1 20090910; EP 1977434 A1 20081008; EP 1977434 B1 20090729; HK 1126310 A1 20090828; JP 2009524262 A 20090625; JP 4865816 B2 20120201; KR 101008134 B1 20110113; KR 20080080204 A 20080902; MX 2008009191 A 20081017; RU 2378727 C1 20100110; US 2009046408 A1 20090219; US 8009402 B2 20110830; ZA 200805315 B 20091028

DOCDB simple family (application)

EP 2006070196 W 20061222; AR P070100277 A 20070122; AT 06830827 T 20061222; AU 2006336899 A 20061222; BR PI0621242 A 20061222; CN 200680051739 A 20061222; DE 102006003579 A 20060125; DE 202006020436 U 20061222; DE 502006004414 T 20061222; EP 06830827 A 20061222; HK 09104570 A 20090519; JP 2008551682 A 20061222; KR 20087017656 A 20061222; MX 2008009191 A 20061222; RU 2008131541 A 20061222; US 16206006 A 20061222; ZA 200805315 A 20080619