

Title (en)
SURGE ARRESTER

Title (de)
ÜBERSPANNUNGSABLEITER

Title (fr)
DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS

Publication
EP 2195814 B1 20110216 (DE)

Application
EP 08839355 A 20080924

Priority
• EP 2008062797 W 20080924
• DE 102007048986 A 20071012

Abstract (en)
[origin: WO2009050011A1] Surge arrester with a module (1, 3, 9, 25), comprising a stack of varistor blocks (1), two end armatures, the stack of varistor blocks (1) is held between said armatures, a plurality of reinforcing elements (9) which extend between the end armatures (3) and are attached thereto, wherein the reinforcing elements (9) surround the stack of varistor blocks, and at least one stabilizing disk (25) which is arranged between two varistor blocks (1) in the stack and bearing at least one reinforcing element (9), and with one outer housing (5) with shields in which the module is held at least in part. In the surge arrester according to the invention, the outer housing is designed so that the module is held without intermediate gas, liquid or volume or cavities. In addition, each of the stabilization disks (25) is arranged in the vicinity of one of the shields (7).

IPC 8 full level
H01C 7/12 (2006.01)

CPC (source: EP US)
H01C 7/12 (2013.01 - EP US)

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)
WO 2009050011 A1 20090423; AR 068741 A1 20091202; AT E498895 T1 20110315; BR PI0817611 A2 20150331; CN 101816050 A 20100825; CN 101816050 B 20130102; DE 102007048986 A1 20090507; DE 102007048986 B4 20110203; DE 502008002642 D1 20110331; EP 2195814 A1 20100616; EP 2195814 B1 20110216; ES 2361282 T3 20110615; HK 1146149 A1 20110513; JP 2010541263 A 20101224; JP 4898960 B2 20120321; KR 101124934 B1 20120327; KR 20100051739 A 20100517; RU 2010112696 A 20111010; RU 2452053 C2 20120527; US 2010237980 A1 20100923; US 8305184 B2 20121106

DOCDB simple family (application)
EP 2008062797 W 20080924; AR P080104380 A 20081007; AT 08839355 T 20080924; BR PI0817611 A 20080924; CN 200880110281 A 20080924; DE 102007048986 A 20071012; DE 502008002642 T 20080924; EP 08839355 A 20080924; ES 08839355 T 20080924; HK 11100246 A 20110112; JP 2010527407 A 20080924; KR 20107007071 A 20080924; RU 2010112696 A 20080924; US 68244708 A 20080904