

Title (en)
Electric component protected against arc interference

Title (de)
Störlichtbogengeschütztes elektrisches Bauteil

Title (fr)
Composant électrique protégé contre les arcs de lumière perturbateurs

Publication
EP 1283575 B1 20040310 (DE)

Application
EP 01810770 A 20010810

Priority
EP 01810770 A 20010810

Abstract (en)
[origin: EP1283575A1] The electrical power system has a suspended overload protection provided by a series of porcelain isolators (2) between power connections (3,6). Protection against lightning arcing is provided by a pair of metal arcing electrodes (4,5) These are dish shaped with a pattern of curved channels. The magnetic field generated results in extinguishing of the arcing.

IPC 1-7
H01T 4/14; **H01B 17/46**

IPC 8 full level
H01T 1/16 (2006.01); **H01B 17/46** (2006.01); **H01T 4/14** (2006.01)

CPC (source: EP US)
H01B 17/46 (2013.01 - EP US); **H01T 4/14** (2013.01 - EP US)

Cited by
EP1850437A1; EP1566869A1; AU2005200514B2; WO2007122228A1; DE102011078337A1; WO2013000803A1; US9337646B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1283575 A1 20030212; **EP 1283575 B1 20040310**; **EP 1283575 B2 20110323**; AT E261620 T1 20040315; AU 2002300426 B2 20061116; CN 100367587 C 20080206; CN 1405939 A 20030326; DE 50101662 D1 20040415; ES 2217108 T3 20041101; JP 2003086325 A 20030320; JP 4074788 B2 20080409; PT 1283575 E 20040831; US 2003030957 A1 20030213; US 6678141 B2 20040113; ZA 200206028 B 20030204

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