

Title (en)  
Surge absorbers

Title (de)  
Überspannungsableiter

Title (fr)  
Paratonnerre

Publication  
**EP 2287984 B1 20110921 (DE)**

Application  
**EP 09009408 A 20090720**

Priority  
EP 09009408 A 20090720

Abstract (en)  
[origin: EP2287984A1] The over-voltage diverter has a discharger (1) and an electric element connected in series. The electric element has a component (2) with two electrodes (3,4). A pellet (5) made of electro conductive material is arranged between the electrodes. The pellet connects the electrodes with each other in electro conductive manner. The area holding the pellet is encircled by a temperature-resistant insulating material enclosure (6).

IPC 8 full level  
**H01T 1/16** (2006.01)

CPC (source: EP)  
**H01C 7/12** (2013.01); **H01C 8/04** (2013.01); **H01T 1/16** (2013.01)

Cited by  
EP2498352A1; EP2916402A1; WO2013117175A1; CN113629686A; CN110400667A; DE102014102969B4; DE202012012472U1; DE102012005944A1; DE102012006809A1; DE102014102969A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2287984 A1 20110223; EP 2287984 B1 20110921**; AT E525775 T1 20111015; CN 101958540 A 20110126; CN 101958540 B 20141022; ES 2369329 T3 20111129; HK 1151136 A1 20120120; PL 2287984 T3 20120229; PT 2287984 E 20111004; SI 2287984 T1 20111230

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**EP 09009408 A 20090720**; AT 09009408 T 20090720; CN 201010233889 A 20100611; ES 09009408 T 20090720; HK 11104388 A 20110503; PL 09009408 T 20090720; PT 09009408 T 20090720; SI 200930082 T 20090720