

Title (en)

Lightning arrester comprising two divergent electrodes and a spark gap acting between the electrodes

Title (de)

Überspannungsableiter mit zwei divergierenden Elektroden und einer zwischen den Elektroden wirkenden Funkenstrecke

Title (fr)

Paratonnerre doté de deux électrodes divergentes et d'un éclateur agissant entre les électrodes

Publication

**EP 2328245 A3 20130306 (DE)**

Application

**EP 11153886 A 20051024**

Priority

- EP 05798524 A 20051024
- DE 102005001140 A 20050110
- DE 102005015401 A 20050404

Abstract (en)

[origin: EP2328245A2] Lightning arrester has spark gap acting between two divergent electrodes and auxiliary sliding device for electric arc, which is active on electrode arc. Mobility of electric arc is increased directly after the ignition thereof, by means of combination of measures for reinforcing inherent magnetic field related to electric arc, and phased gas circulation (7) of encapsulated conducting lead.

IPC 8 full level

**H01T 4/04** (2006.01); **H01T 4/14** (2006.01)

CPC (source: EP)

**H01T 4/04** (2013.01); **H01T 4/14** (2013.01)

Citation (search report)

- [A] GB 957359 A 19640506 - ASS ELECT IND
- [A] GB 1036875 A 19660720 - ASS ELECT IND

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 2006074721 A1 20060720**; AT E498931 T1 20110315; CN 101107756 A 20080116; CN 101107756 B 20120523; DE 102005015401 A1 20060727; DE 102005015401 B4 20140320; DE 502005010986 D1 20110331; EP 1836752 A1 20070926; EP 1836752 B1 20110216; EP 2328245 A2 20110601; EP 2328245 A3 20130306; EP 2328245 B1 20131211; JP 2008527640 A 20080724; JP 4753095 B2 20110817; PL 1836752 T3 20110729; PL 2328245 T3 20140530; RU 2007124540 A 20090220; RU 2380807 C2 20100127; SI 2328245 T1 20140430

DOCDB simple family (application)

**EP 2005011398 W 20051024**; AT 05798524 T 20051024; CN 200580046296 A 20051024; DE 102005015401 A 20050404; DE 502005010986 T 20051024; EP 05798524 A 20051024; EP 11153886 A 20051024; JP 2007549805 A 20051024; PL 05798524 T 20051024; PL 11153886 T 20051024; RU 2007124540 A 20051024; SI 200531822 T 20051024