

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)  
PARAFoudre comportant deux électrodes divergentes et un éclateur qui agit entre ces deux électrodes

Publication  
**EP 1836752 B1 20110216 (DE)**

Application  
**EP 05798524 A 20051024**

Priority  
• EP 2005011398 W 20051024  
• DE 102005001140 A 20050110  
• DE 102005015401 A 20050404

Abstract (en)  
[origin: WO2006074721A1] The invention relates to a lightning arrester comprising two divergent electrodes, a spark gap acting between the electrodes, a housing, an auxiliary sliding device for the electric arc, which is active on the electrode base, and means for the magnetic blow-out of the electric arc. According to the invention, the mobility of the electric arc is increased directly after the ignition thereof, by means of a combination of measures for reinforcing the inherent magnetic field related to the electric arc, and a phased gas circulation of the encapsulated conducting lead.

IPC 8 full level  
**H01T 4/14** (2006.01)

CPC (source: EP)  
**H01T 4/04** (2013.01); **H01T 4/14** (2013.01)

Cited by  
DE102013224720A1

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