

Title (en)

Electrical capacitor

Title (de)

Elektrischer Kondensator

Title (fr)

Condensateur électrique

Publication

EP 1248337 A1 20021009 (EN)

Application

EP 02380043 A 20020222

Priority

ES 200100416 A 20010222

Abstract (en)

A capacitor is formed by a conductive outer housing (9) on an insulating base (14) with a semiconductor layer (3) and an ionizable element (11) such as air, while the capacitor is located on top of a structure on an electric mast (7c) forming an armature (7). The capacitor increases the load in the cloud (5) until a path is formed for lightning strikes through the capacitor to earth.

IPC 1-7

H01T 1/14; H01G 4/02

IPC 8 full level

H01Q 1/50 (2006.01)

CPC (source: EP)

H01Q 1/50 (2013.01)

Citation (search report)

- [XA] EP 0991116 A2 20000405 - SIEMENS AG [DE]
- [A] DE 565126 C 19321126 - SIEMENS AG

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1248337 A1 20021009; ES 2189627 A1 20030701; ES 2189627 B1 20041016

DOCDB simple family (application)

EP 02380043 A 20020222; ES 200100416 A 20010222