

Title (en)

A device for supporting electrodes of corona treatment machines

Title (de)

Trägervorrichtung für Elektroden von Koronabehandlungsmaschinen

Title (fr)

Dispositif de support d'électrodes pour machines de traitement Corona

Publication

EP 2280459 A1 20110202 (EN)

Application

EP 10170971 A 20100727

Priority

IT CR20090030 A 20090729

Abstract (en)

A supporting device (1) for electrodes of corona treatment machines comprising a bridge (2) made of insulating material arranged for supporting, by interference with separator means, ceramic electrodes (E) that interact with a counter-electrode (3), on which a substrate (S) to be treated slides, where said separator means comprise teeth (4) and pins (5) interposed between pairs of electrodes (E), wherein said pins (5) comprise a threaded cylindrical portion (5') and a smooth conical portion (5''), so as to generate a divaricating force between said pairs of electrodes, directed towards said teeth (4).

IPC 8 full level

H01T 19/00 (2006.01)

CPC (source: EP)

H01T 19/00 (2013.01)

Citation (applicant)

WO 0219486 A1 20020307 - AFS ENTWICKLUNGS & VERTRIEBS G [DE], et al

Citation (search report)

[A] WO 0219486 A1 20020307 - AFS ENTWICKLUNGS & VERTRIEBS G [DE], et al

Cited by

CN108398114A; US9831070B1

Designated contracting state (EPC)

AL 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

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2280459 A1 20110202; **EP 2280459 B1 20120314**; AT E549779 T1 20120315; DK 2280459 T3 20120529; ES 2383294 T3 20120620; IT 1394976 B1 20120807; IT CR20090030 A1 20110130

DOCDB simple family (application)

EP 10170971 A 20100727; AT 10170971 T 20100727; DK 10170971 T 20100727; ES 10170971 T 20100727; IT CR20090030 A 20090729