

Title (en)
APPARATUS FOR GENERATING ELECTRIC FIELD AND ELECTRIC DISCHARGE

Title (de)
VORRICHTUNG ZUR ERZEUGUNG VON ELEKTRISCHEN FELDERN UND ELEKTRISCHER ENTLADUNG

Title (fr)
CHAMP ÉLECTRIQUE, ET DISPOSITIF DE GÉNÉRATION DE DÉCHARGE

Publication
EP 2768096 A4 20150708 (EN)

Application
EP 11873914 A 20111014

Priority
JP 2011073601 W 20111014

Abstract (en)
[origin: EP2768096A1] An electric field and discharge generator includes a discharge electrode (2), a counter electrode (7), an upper frame (1), a lower frame (8), an upper rib (10), and a lower rib (13). The counter electrode (7) has an electrode portion (7a) having a plate-like shape. The electrode portion (7a) faces the discharge electrode (2). The discharge electrode (2) and the counter electrode (7) are disposed between the upper frame (1) and the lower frame (8). The upper rib (10) is provided in the upper frame (1). The upper rib (10) faces one side surface of the electrode portion (7a) from the upper frame (1) side. The lower rib (13) is provided in the lower frame (8). The lower rib (13) faces the other side surface of the electrode portion (7a) from the lower frame (8) side. The upper rib (10) and the lower rib (13) maintain the position of the electrode portion (7a).

IPC 8 full level
H01T 19/00 (2006.01)

CPC (source: EP)
H01T 19/00 (2013.01); **H01T 23/00** (2013.01)

Citation (search report)

- [IA] EP 1782843 A1 20070509 - MITSUBISHI ELECTRIC CORP [JP]
- [A] JP 2006046727 A 20060216 - MITSUBISHI ELECTRIC CORP
- [A] JP 2005138034 A 20050602 - MITSUBISHI ELECTRIC CORP
- See references of WO 2013054428A1

Cited by
CN104406236A; CN108290165A; EP3338893A4; US10933431B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2768096 A1 20140820; EP 2768096 A4 20150708; EP 2768096 B1 20180905; CN 203491506 U 20140319; JP 5532183 B2 20140625; JP WO2013054428 A1 20150330; WO 2013054428 A1 20130418

DOCDB simple family (application)
EP 11873914 A 20111014; CN 201190001044 U 20111014; JP 2011073601 W 20111014; JP 2013514473 A 20111014