

Title (en)

CORONA EFFECT PLASMA DEVICE AND PLASMA REACTOR

Title (de)

KORONAEFFEKT-PLASMAVORRICHTUNG UND PLASMAREAKTOR

Title (fr)

DISPOSITIF PLASMA A EFFET CORONA ET REACTEUR PLASMA

Publication

EP 3613264 C0 20230607 (FR)

Application

EP 18723700 A 20180420

Priority

- FR 1700439 A 20170420
- EP 2018000214 W 20180420

Abstract (en)

[origin: WO2018192682A1] A corona effect plasma cell (11) comprising a polarised electrode (12) and an earth electrode (13), comprising a cylinder (14) and a porous film (15), the cylinder (14) having a low profile and the polarised electrode (12) not penetrating into the cylinder (14); a corona effect plasma dual element (10) comprising a first cell (11), a second cell (21) having such a structure, said first (11) and second cell (21) being symmetrically arranged (preferably head to tail); and finally a plasma reactor (30) comprising a plurality of cells (11) or dual elements (10).

IPC 8 full level

H05H 1/24 (2006.01)

CPC (source: EP US)

H05H 1/471 (2021.05 - EP US)

Cited by

DE202021101608U1; FR3109206A1; DE202021102957U1; FR3111282A1; BE1028344A1

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

WO 2018192682 A1 20181025; CN 111279800 A 20200612; CN 111279800 B 20230825; EP 3613264 A1 20200226; EP 3613264 B1 20230607; EP 3613264 C0 20230607; ES 2949966 T3 20231004; FR 3065615 A1 20181026; FR 3065615 B1 20221216; RU 2019134263 A 20210520; RU 2019134263 A3 20210803; RU 2763742 C2 20211230

DOCDB simple family (application)

EP 2018000214 W 20180420; CN 201880031685 A 20180420; EP 18723700 A 20180420; ES 18723700 T 20180420; FR 1700439 A 20170420; RU 2019134263 A 20180420