Title (en)

FLAT FLEXIBLE COATING ARRANGEMENT

Title (de)

FLÄCHIGE FLEXIBLE AUFLAGEANORDNUNG

Title (fr)

ENSEMBLE DE SUPPORT FLEXIBLE PLAT

Publication

EP 3603349 A1 20200205 (DE)

Application

EP 17734636 A 20170531

Priority

- DE 102017106570 A 20170328
- DE 2017100461 W 20170531

Abstract (en)

[origin: WO2018177448A1] The invention relates to a flat flexible coating arrangement comprising a coating surface (9) for placing on a body region of a living being and at least one electrode (3, 3') arranged above the coating surface (9), and a dielectric (1) containing the at least one electrode (3, 3'), the at least one electrode (3, 3') comprising a supply line for an AC high voltage in order to form a dielectrically impeded plasma. Said arrangement enables fusion processes over the course of the plasma treatment and optionally wound healing without removing the coating arrangement from the body region by means of at least one built-in sensor (14) for determining at least one parameter of the body region.

IPC 8 full level

H05H 1/24 (2006.01)

CPC (source: EP RU US)

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Citation (examination)

- WO 2009067682 A2 20090528 - UNIV FLORIDA [US], et al
- WO 2012150041 A1 20121108 - MAX PLANCK GESELLSCHAFT [DE], et al
- WO 2012150040 A1 20121108 - MAX PLANCK GESELLSCHAFT [DE], et al
- KR 101706014 B1 20170210 - KIM MIN KI [KR]
- See also references of WO 2018177448A1

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

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BA ME

DOCDB simple family (publication)

WO 2018177448 A1 20181004; BR 112019014750 A2 20200303; BR 112019014750 B1 20230314; CN 110268807 A 20190920; DE 102017106570 A1 20181004; EP 3603349 A1 20200205; JP 2020518303 A 20200625; JP 6942378 B2 20210929; RU 2019125157 A 20210428; RU 2019125157 A3 20210428; RU 2749912 C2 20210621; US 11589450 B2 20230221; US 2020029414 A1 20200123

DOCDB simple family (application)

DE 2017100461 W 20170531; BR 112019014750 A 20170531; CN 201780086185 A 20170531; DE 102017106570 A 20170328; EP 17734636 A 20170531; JP 2019540337 A 20170531; RU 2019125157 A 20170531; US 201716497884 A 20170531