

# (12) International Application Status Report

**Received at International Bureau:** 15 August 2017 (15.08.2017)

**Information valid as of:** 25 January 2019 (25.01.2019)

**Report generated on:** 18 November 2019 (18.11.2019)

**(10) Publication number:**

WO2019/028647

**(43) Publication date:**

14 February 2019 (14.02.2019)

**(26) Publication language:**

English (EN)

**(21) Application Number:**

PCT/CN2017/096337

**(22) Filing Date:**

08 August 2017 (08.08.2017)

**(25) Filing language:**

English (EN)

**(51) International Patent Classification:**

A61B 18/12 (2006.01)

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**(54) Title (EN):** ELECTROSURGICAL APPARATUS WITH SAFETY INSULATION FEATURES

**(54) Title (FR):** APPAREIL ÉLECTROCHIRURGICAL AVEC CARACTÉRISTIQUES D'ISOLATION DE SÉCURITÉ

**(57) Abstract:**

**(EN):** An electrosurgical instrument includes first and second shaft members having respective first and second jaw members. The first and second shaft members are configured for relative movement about a coupling interface to position the first and second jaw members in open and approximated conditions. The first and second jaw members have tissue contacting surfaces configured to communicate electrosurgical energy therebetween. The coupling interface includes at least one insulative member configured to electrically isolate the first and second shaft members. A polymer coating overlaps the at least one insulative member and the coupling interface to secure the at least one insulative member relative to the coupling interface.

**(FR):** L'invention concerne un instrument électrochirurgical comprenant des premier et second éléments d'arbre ayant des premier et second éléments de mâchoire respectifs. Les premier et second éléments d'arbre sont conçus pour un mouvement réciproque autour d'une interface de couplage pour positionner les premier et second éléments de mâchoire dans des conditions ouvertes et rapprochées. Les premier et second éléments de mâchoire ont des surfaces de contact avec le tissu conçues pour communiquer une énergie électrochirurgicale entre elles. L'interface de couplage comprend au moins un élément isolant conçu pour isoler électriquement les premier et second éléments d'arbre. Un revêtement polymère recouvre le ou les éléments isolants et l'interface de couplage pour fixer le ou les éléments isolants par rapport à l'interface de couplage.

**International search report:**

Received at International Bureau: 09 May 2018 (09.05.2018) [CN]

**International Report on Patentability (IPRP) Chapter II of the PCT:**

Not available

**(81) Designated States:**

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA,

PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM