

Title (en)
INSTRUMENT FOR PLASMA SURGERY AND METHOD FOR GENERATING PLASMA

Title (de)
INSTRUMENT FÜR DIE PLASMACHIRURGIE UND VERFAHREN ZUR PLASMAERZEUGUNG

Title (fr)
INSTRUMENT POUR LA CHIRURGIE PLASMA ET PROCÉDÉ POUR PRODUIRE UN PLASMA

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Application
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Abstract (en)
[origin: WO2021013840A1] The electrode (20, 20') of an improved instrument (10) has a heat dissipation element (28, 28') so that the thermal resistance of the electrode (20, 20') measured in the longitudinal direction (in distal or proximal direction) is preferably $\geq 300 \text{ W/(m}^2\text{K)}$. In a preferred embodiment, the heat dissipation element (28, 28') is formed by a coating (29, 30, 29') which has a higher electrical conductivity and a higher thermal conductivity than the material of the electrode main part (27, 27').

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