

Title (en)

ELECTRODE FOR A PLASMA CUTTING TORCH, ASSEMBLY HAVING SAID ELECTRODE, PLASMA CUTTING TORCH HAVING SAID ELECTRODE, AND METHOD FOR PLASMA CUTTING

Title (de)

ELEKTRODE FÜR EINEN PLASMASCHNEIDBRENNER, ANORDNUNG MIT DERSELBEN, PLASMASCHNEIDBRENNER MIT DERSELBEN SOWIE VERFAHREN ZUM PLASMASCHNEIDEN

Title (fr)

ÉLECTRODE POUR UN CHALUMEAU DE DÉCOUPE AU PLASMA, ENSEMBLE DOTÉ DE LADITE ÉLECTRODE, CHALUMEAU DE DÉCOUPE AU PLASMA MUNI DE LADITE ÉLECTRODE ET PROCÉDÉ DE DÉCOUPE AU PLASMA

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Abstract (en)

[origin: WO2022028648A1] The invention relates to an electrode for a plasma cutting torch, comprising an electrode holder and an emission insert, which are frictionally, interlockingly and/or integrally joined to each other, characterized in that the emission insert is made of an alloy at least of tungsten and at least one of the following elements or compounds: zirconium and/or hafnium and/or zirconium oxide and/or hafnium oxide; to an assembly having said electrode; to a plasma cutting torch having said electrode; and to a method for plasma cutting.

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