

Title (en)

METHOD FOR PLASMA-CUTTING WORKPIECES

Title (de)

VERFAHREN ZUM PLASMASCHNEIDEN VON WERKSTÜCKEN

Title (fr)

PROCÉDÉ DE COUPAGE DE PIÈCES AU JET DE PLASMA

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Application

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Abstract (en)

[origin: WO2023020893A1] The invention relates to a method for plasma-cutting workpieces, wherein at least one plasma cutting torch is used, which has at least a plasma torch body, an electrode and a nozzle, through the nozzle opening of which at least a plasma gas or plasma gas mixture flows and which constricts the plasma jet. Before the plasma jet pierces into and through the workpiece, a scoured portion (410) is formed by exposing the workpiece, from the workpiece surface, to the plasma jet at least for a duration t_2 such that, from the workpiece surface, material of the workpiece is removed and the scoured portion (410) is produced.

IPC 8 full level

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