

Title (en)
INDUCTIVE PLASMA TORCH WITH REAGENT INJECTOR

Title (de)
INDUKTIVER PLASMABRENNEN MIT REAGENSINJEKTOR

Title (fr)
TORCHE A PLASMA INDUCTIF A INJECTEUR DE REACTIF

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Application
EP 98928393 A 19980529

Priority
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Abstract (en)
[origin: FR2764163A1] The invention concerns an inductive plasma torch comprising an external tube, an intermediate tube and a central injector (16) including at least a central tube (20, 21) injecting reagent and a peripheral sheathing tube (22). A gas similar to plasma gas is injected into the space between the central tube (20, 21) and the sheathing tube (22), in conditions suited for obtaining a laminar flow, said flow remaining laminar up to the plasma torch central zone. The sheathing tube emerges substantially at the first turn of the inductor coil.

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H05H 1/30

IPC 8 full level
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