

Title (en)

PLASMA TORCH COMPRISING ELECTRODES SEPARATED BY AN AIR GAP AND IGNITER INCORPORATING SAME

Title (de)

PLASMABRENNER ENTHALTEND DURCH EINEN LUFTSPALT GETRENNTE ELEKTRODEN UND EINEN SOLCHEN BRENNER ENTHALTENDER ZÜNDER

Title (fr)

TORCHE A PLASMA COMPORTANT DES ELECTRODES SEPARÉES PAR UN ENTREFER ET ALLUMEUR INCORPORANT UNE TELLE TORCHE

Publication

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Application

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Abstract (en)

[origin: WO0178470A1] The invention concerns plasma torch (1) comprising at least two electrodes (7, 8) separated by an insulating cylindrical case (6) defining an internal volume (22). Said torch is characterised in that the electrodes are separated by a sufficiently reduced distance (D) to allow the occurrence of a priming arc between the electrodes (7, 8) when a supply voltage fed by a generator (19) is applied between said electrodes. The invention is useful for producing igniters for ammunitions.

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IPC 8 full level

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