

Title (en)

PLASMA TORCH INCORPORATING A REACTIVE PRIMING FUSE AND IGNITER TUBE INTEGRATING SUCH A TORCH

Title (de)

PLASMABRENNER, ENTHALTEND EINE REAKTIVE ZÜNDERSICHERUNG UND EINEN SOLCHEN BRENNER ENTHALTENDES ZÜNDROHR

Title (fr)

TORCHE A PLASMA INCORPORANT UN FUSIBLE D'AMORCAGE REACTIF ET TUBE ALLUMEUR INTEGRANT UNE TELLE TORCHE

Publication

**EP 1185833 A1 20020313 (FR)**

Application

**EP 01919602 A 20010330**

Priority

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- FR 0004734 A 20000411

Abstract (en)

[origin: WO0177604A1] The invention concerns a plasma torch (1) comprising at least two electrodes (7, 8) separated by an insulating cylindrical case (6) defining an inner volume, electrodes separated by a conductive priming fuse (11) arranged in the internal volume. Said torch is characterised in that the fuse comprises at least a conductive material associated with at least an energetic material or a material capable of reacting with the conductive material. The invention is useful for igniting a propellant charge of ammunitions.

IPC 1-7

**F41B 6/00**; **H05H 1/24**; **C06B 21/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0177604A1

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