

Title (en)
PROTECTIVE NOZZLE CAP, PROTECTIVE NOZZLE CAP RETAINER, AND ARC PLASMA TORCH HAVING SAID PROTECTIVE NOZZLE CAP AND/OR SAID PROTECTIVE NOZZLE CAP RETAINER

Title (de)
DÜSENSCHUTZKAPPE UND DÜSENSCHUTZKAPPENHALTER SOWIE LICHTBOGENPLASMABRENNER MIT DERSELBEN UND/ODER DEMSELBEN

Title (fr)
CAPOT DE PROTECTION DE BUSE ET PORTE-CAPOT DE PROTECTION DE BUSE AINSI QUE TORCHE À PLASMA ÉQUIPÉE DE L'UN ET/OU DE L'AUTRE

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Application
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Priority
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Abstract (en)
[origin: WO2011018070A1] The invention relates to a protective nozzle cap for an arc plasma torch, comprising a front end section and a rear end section having a threaded area on the inner surface thereof for fastening to a torch body of an arc plasma torch by means of threading, characterized in that at least one groove passes through the threaded area on the inner surface, a protective nozzle cap retainer for an arc plasma torch, comprising a section having a threaded area on the outer surface thereof for fastening to a protective nozzle cap of an arc plasma torch by means of threading, characterized in that at least one groove passes through the threaded area on the outer surface thereof, and an arc plasma torch, comprising: a torch body and a protective nozzle cap fastened thereto in a screw connection area by means of threading, characterized in that the torch body and/or the protective nozzle cap is/are shaped in such a way that at least one channel is formed between the torch body and the protective nozzle cap, said channel passing through the screw connection area.

IPC 8 full level
H05H 1/34 (2006.01); **H05H 1/28** (2006.01)

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H05H 1/28 (2013.01 - EP KR US); **H05H 1/34** (2013.01 - EP US); **H05H 1/3457** (2021.05 - EP KR); **H05H 1/3457** (2021.05 - US)

Cited by
DE102016219350A1; WO2018065578A1; RU2741583C2; US11178746B2

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