

Title (en)

TUBULAR ELECTRODE FOR USE IN A PLASMA TORCH, AND PLASMA TORCH EQUIPPED WITH SUCH AN ELECTRODE

Publication

**EP 0289423 B1 19911106 (FR)**

Application

**EP 88401035 A 19880428**

Priority

FR 8706085 A 19870429

Abstract (en)

[origin: EP0289423A1] Plasma torch (1) and electrode (5,6) for a plasma torch (1), comprising an intermediate tubular part intended for hooking onto the arc feet and extended by end parts intended for attaching to other pieces of the said torch, the said electrode being arranged in a sealed chamber (9, 10) in which a cooling fluid circulates. <??>The said intermediate and end parts consist of individual pieces (5 I, 6 I - 5 E1, 5 E2, 6 E1, 6 E2) whose thickness is at least equal to ten millimetres and the said individual pieces are interconnected through a sealed mechanical assembly which can be dismantled. <IMAGE>

IPC 1-7

**H05H 1/28; H05H 1/34**

IPC 8 full level

**B23K 9/26** (2006.01); **B23K 10/00** (2006.01); **H05H 1/28** (2006.01); **H05H 1/34** (2006.01)

CPC (source: EP KR US)

**H05H 1/28** (2013.01 - EP KR US); **H05H 1/34** (2013.01 - EP US); **H05H 1/3431** (2021.05 - EP KR); **H05H 1/3431** (2021.05 - US)

Citation (examination)

US 4891490 A 19900102 - LABROT MAXIME [FR], et al

Cited by

EP0562901A1; FR2689359A1; FR2986396A1; WO2013114007A1; WO9731509A1

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**EP 0289423 A1 19881102; EP 0289423 B1 19911106**; AT E69351 T1 19911115; AU 1528788 A 19881103; AU 604880 B2 19910103; BR 8802101 A 19881129; CA 1279106 C 19910115; DE 3866005 D1 19911212; DK 169396 B1 19941017; DK 209588 A 19881030; DK 209588 D0 19880418; ES 2028319 T3 19920701; FR 2614750 A1 19881104; FR 2614750 B1 19911004; JP H0732074 B2 19950410; JP S63274096 A 19881111; KR 880013425 A 19881130; KR 960000936 B1 19960115; US 4891490 A 19900102; ZA 882807 B 19881020

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