

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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