

Title (en)

Electrode body/electrode holder assembly for plasma torch

Title (de)

Elektrodenkörper/Elektrodenhalter Einheit für Plasmabrenner

Title (fr)

Ensemble corps d'électrode/porte électrode pour torche plasma

Publication

EP 0923276 B1 20011017 (FR)

Application

EP 98403072 A 19981207

Priority

- CA 2290144 A 19991122
- FR 9715751 A 19971212
- US 44311699 A 19991118

Abstract (en)

[origin: US6147318A] Male/female assembly (11) for a plasma torch comprising an electrode body (3) and an electrode carrier (4), in which: the electrode body (3) comprises at least one tapping (15) within which is provided at least one recess (8) extending over all the lengths (d) of said tapping (15), and at least one downstream portion defining a recess (16) located between the upstream tapped portion and the bottom of the electrode body (3), and the electrode carrier (4) comprises, on its external peripheral surface, at least one gauge (4'') having at least locally a profile corresponding to the profile of said at least one recess (8) of the electrode body (3) and at least one screw thread (15'), said gauge (4'') being located between the downstream end of the electrode carrier (4) and said screw thread (15').

IPC 1-7

H05H 1/38

IPC 8 full level

H05H 1/34 (2006.01); **H05H 1/38** (2006.01)

CPC (source: EP US)

H05H 1/34 (2013.01 - EP US); **H05H 1/3442** (2021.05 - EP); **H05H 1/3478** (2021.05 - EP); **H05H 1/38** (2013.01 - EP US); **H05H 1/3442** (2021.05 - US); **H05H 1/3478** (2021.05 - US)

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