

Title (en)

Silver alloy electrode for plasma torch

Title (de)

Silberlegierungselektrode für Plasmabrenner

Title (fr)

Electrode en alliage d'argent pour torche à plasma

Publication

**EP 2063689 B1 20120926 (FR)**

Application

**EP 08169245 A 20081117**

Priority

FR 0759176 A 20071120

Abstract (en)

[origin: EP2063689A1] The electrode (1) in a plasma torch for cutting a metallic part, comprises a body (2) forming the plasma torch and a cavity (4) within which an emissive insert (3) is fixed. The electrode body has an elongated form, and comprises an internal one-eyed recess (5), a downstream end (2a) carrying the emissive insert, an upstream end at a level of internal one-eyed recess and a unit for fixation of the electrode in a body of plasma torch. The fixation unit comprises a filleting unit or an internal thread fitted in the electrode body. An independent claim is included for a process for blending a metallic part with a plasma arc.

IPC 8 full level

**H05H 1/34** (2006.01)

CPC (source: EP US)

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2063689 A1 20090527**; **EP 2063689 B1 20120926**; FR 2923977 A1 20090522; FR 2923977 B1 20100326

DOCDB simple family (application)

**EP 08169245 A 20081117**; FR 0759176 A 20071120