

Title (en)

CARTRIDGE FOR A PLASMA TORCH AND PLASMA TORCH ADAPTED TO BE FITTED THEREWITH

Title (de)

KOPF FÜR PLASMABRENNER UND DAMIT AUSRÜSTBARER PLASMABRENNER

Title (fr)

CARTOUCHE POUR TORCHE A PLASMA ET TORCHE A PLASMA

Publication

EP 1169889 B1 20121031 (FR)

Application

EP 00918936 A 20000411

Priority

- FR 0000919 W 20000411
- FR 9904647 A 19990414

Abstract (en)

[origin: FR2792493A1] The plasma torch cartridge has an anode nozzle (1) and a cathode holder made from electrolytic copper, a doped tungsten cathode (3), a diffusing/centralizing cathode made of plastic, an assembler made of plastic and a ceramic insert. The parts are press-assembled to create cooling circuit volumes. The cartridge fitting provides liquid inlets and outlets.

IPC 8 full level

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

CPC (source: EP KR US)

H05H 1/28 (2013.01 - KR); **H05H 1/34** (2013.01 - EP US); **H05H 1/3478** (2021.05 - EP KR); **H05H 1/3478** (2021.05 - US)

Cited by

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DOCDB simple family (publication)

FR 2792493 A1 20001020; **FR 2792493 B1 20010525**; CA 2370462 A1 20001026; CA 2370462 C 20100202; EP 1169889 A1 20020109; EP 1169889 B1 20121031; JP 2002542602 A 20021210; JP 4925510 B2 20120425; KR 100791562 B1 20080103; KR 20020013848 A 20020221; US 6525292 B1 20030225; WO 0064224 A1 20001026

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