

Title (en)

SINGLE GAS PLASMA TORCH

Publication

**EP 0110735 A3 19841024 (FR)**

Application

**EP 83401896 A 19830928**

Priority

FR 8216512 A 19821001

Abstract (en)

[origin: ES283176U] This invention relates to plasma torches in which, the gas entering the electrode holder is divided into a plasmagenic gas flow and into a cooling gas flow by two series of openings drilled in one and the same metal element forming the electrode holder.

IPC 1-7

**H05H 1/28**

IPC 8 full level

**H05H 1/32** (2006.01); **B23K 10/00** (2006.01); **H05H 1/28** (2006.01); **H05H 1/34** (2006.01)

CPC (source: EP US)

**H05H 1/28** (2013.01 - EP US); **H05H 1/34** (2013.01 - EP US); **H05H 1/3436** (2021.05 - EP); **H05H 1/3442** (2021.05 - EP);  
**H05H 1/3436** (2021.05 - US); **H05H 1/3442** (2021.05 - US)

Citation (search report)

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DOCDB simple family (publication)

**FR 2534106 A1 19840406**; **FR 2534106 B1 19850419**; AU 1933883 A 19840405; AU 561117 B2 19870430; BR 8305417 A 19840515;  
CA 1218118 A 19870217; DE 110735 T1 19860213; DE 3374644 D1 19871223; EP 0110735 A2 19840613; EP 0110735 A3 19841024;  
EP 0110735 B1 19871119; ES 283176 U 19850516; ES 283176 Y 19851216; JP H0226360 B2 19900608; JP S5983400 A 19840514;  
PT 77416 A 19831001; PT 77416 B 19860320; US 4625094 A 19861125; ZA 837071 B 19840530

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