

Title (en)
METHOD AND DEVICE FOR THE INJECTION OF A FLUID INTO A FLOW OF HOT GASES, AND APPARATUS FOR CARRYING OUT THIS METHOD

Publication
EP 0289422 B1 19910123 (FR)

Application
EP 88401034 A 19880428

Priority
FR 8706084 A 19870429

Abstract (en)
[origin: EP0289422A1] Method and device for injecting at least one stream of a fluid into a hot gaseous flow, such as a plasma jet. <??>According to the invention, - the shape of an envelope of revolution (6) is imparted to the said hot gaseous flow (2); and - the fluid-stream injection nozzle (7) is arranged coaxially with the axis (X-X) of the said envelope of revolution (6). <??>Plasma chemistry. <IMAGE>

IPC 1-7
B01F 5/04; **B05B 7/22**; **H05H 1/42**

IPC 8 full level
B01F 5/04 (2006.01); **B05B 7/22** (2006.01); **H05H 1/42** (2006.01); **B01F 5/00** (2006.01)

CPC (source: EP KR US)
B01F 25/313 (2022.01 - EP US); **B05B 7/226** (2013.01 - EP US); **H05H 1/42** (2013.01 - EP KR US); **B01F 2025/918** (2022.01 - EP US)

Cited by
DE19625539A1; US5147412A

Designated contracting state (EPC)
AT BE CH DE ES GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0289422 A1 19881102; **EP 0289422 B1 19910123**; AT E60480 T1 19910215; AU 1528888 A 19881103; AU 603891 B2 19901129; BR 8802166 A 19881206; CA 1286369 C 19910716; DE 3861620 D1 19910228; DK 169397 B1 19941017; DK 209688 A 19881030; DK 209688 D0 19880418; ES 2019990 B3 19910716; FR 2614751 A1 19881104; FR 2614751 B1 19911004; JP H0732075 B2 19950410; JP S63274097 A 19881111; KR 880013426 A 19881130; KR 960000937 B1 19960115; US 4958767 A 19900925; ZA 882806 B 19881020

DOCDB simple family (application)
EP 88401034 A 19880428; AT 88401034 T 19880428; AU 1528888 A 19880428; BR 8802166 A 19880429; CA 565535 A 19880429; DE 3861620 T 19880428; DK 209688 A 19880418; ES 88401034 T 19880428; FR 8706084 A 19870429; JP 10043388 A 19880425; KR 880004848 A 19880428; US 18842588 A 19880429; ZA 882806 A 19880421