

Title (en)

DEVICE FOR INJECTING A LIQUID LOAD TO BE MIXED/CONVERTED INSIDE A PLASMA NEEDLE OR A GASEOUS FLOW

Title (de)

EINRICHTUNG ZUM EINSPRITZEN EINER IN EINER PLASMANADEL ODER EINER GASFÖRMIGEN STRÖMUNG ZU MISCHENDEN/UMZUSETZENDEN FLÜSSIGEN LADUNG

Title (fr)

DISPOSITIF D'INJECTION DE CHARGE LIQUIDE A MELANGER/CONVERTIR AU SEIN D'UN DARD PLASMA OU D'UN FLUX GAZEUX

Publication

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Application

EP 08805166 A 20081009

Priority

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- FR 0758267 A 20071012

Abstract (en)

[origin: WO2009047284A1] The invention relates to a device for injecting a liquid material into a plasma torch, that comprises N (N = 1) groups of injectors arranged on the periphery of a plasma flow area (3), each group including at least n (n = 2) injectors (1b, 1b', 1d, 1d', 1f, 1f') arranged on either side of the plasma flow axis, in order to inject said liquid material into said plasma in a direction (10, 10') at least partially opposite to the plasma flow direction.

IPC 8 full level

H05H 1/42 (2006.01)

CPC (source: EP US)

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