

Title (en)
PLASMA SPRAYING DEVICE

Title (de)
PLASMASPRITZVORRICHTUNG

Title (fr)
DISPOSITIF DE PROJECTION PLASMA

Publication
EP 1692922 A1 20060823 (DE)

Application
EP 04761956 A 20041008

Priority
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• CH 20962003 A 20031209

Abstract (en)
[origin: WO2005057994A1] Disclosed is a plasma spraying device that is fitted with a burner shaft (1) and a burner head (2) to be fixed thereto. In order to rapidly and easily replace the burner head (2) and its wearing parts, the burner head (2) is releasably fixed to the burner shaft. The lines extending between the burner shaft (1) and the burner head (2) are separable. Electrically conductive tubular lines (17, 18) are provided for supplying the cooling fluid and at the same time conducting electric power. Said tubular lines (17, 18) are fitted with a mechanically separable interface (S1, S2) for producing an interlocking and non-positive connection between the line of the burner shaft (17, 18) and the corresponding line segment (11, 12) of the burner head (2). The mechanically separable interface (S1, S2) can be configured in the form of a screw connection or a bayonet socket.

IPC 8 full level
H05H 1/34 (2006.01)

CPC (source: EP US)
H05H 1/3423 (2021.05 - EP US)

Citation (search report)
See references of WO 2005057994A1

Cited by
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