

Title (en)
Plasma spray gun

Title (de)
Plasmaspritzgerät

Title (fr)
Appareil de pulvérisation par plasma

Publication
EP 0585203 B1 19960327 (DE)

Application
EP 93810576 A 19930816

Priority
DE 4228064 A 19920824

Abstract (en)
[origin: EP0585203A1] A plasma spray gun for coating especially holes, channels (ducts) or the like consists essentially of a connecting piece (1), a burner shaft (2) and a burner head (3). These three components (1, 2, 3) of the plasma spray gun are in this case constructed as replaceable modules which can be replaced quickly and easily by the user. The burner head is mounted on the burner shaft (2) by means of two screws (7), and the burner shaft (2) is mounted on the connecting piece (1) by means of three screws (6). All the lines and channels which are required for operation of the burner in this case run through the interior of the burner shaft (2). The connections (9) for the burner media and electrical power are designed radially with respect to the longitudinal axis of the plasma spray gun. <IMAGE>

IPC 1-7
H05H 1/34; **H05H 1/42**; **H05H 1/28**

IPC 8 full level
C23C 4/12 (2006.01); **H05H 1/26** (2006.01); **H05H 1/28** (2006.01); **H05H 1/34** (2006.01); **H05H 1/42** (2006.01)

CPC (source: EP US)
H05H 1/28 (2013.01 - EP US); **H05H 1/3423** (2021.05 - EP US); **H05H 1/42** (2013.01 - EP US)

Cited by
DE102012003306A1; FR2980383A1; EP1065914A1; FR2949698A1; US6386140B1; WO2005057994A1; US6221504B1; DE102012003306B4

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