

Title (en)
Plasma spray device

Title (de)
Plasmaspritzvorrichtung

Title (fr)
Dispositif de pulvérisation par plasma

Publication
EP 1065914 B1 20040121 (DE)

Application
EP 00810376 A 20000503

Priority
CH 121199 A 19990630

Abstract (en)
[origin: EP1065914A1] This device has a focal shank and a jet tip (1) for fastening to it with a plasma jet radiating from it. The jet tip is fixed on the focal shank by contact elements (7) for transferring current that jut out towards the jet tip's front side (S). Quick gripping levers fitted on the focal shank tighten the jet tip and their cams are set to mesh into recesses (17) in the contact elements.

IPC 1-7
H05H 1/34

IPC 8 full level
H05H 1/42 (2006.01); **C23C 4/00** (2006.01); **H05H 1/34** (2006.01)

CPC (source: EP US)
H05H 1/34 (2013.01 - EP US); **H05H 1/3478** (2021.05 - EP); **H05H 1/3478** (2021.05 - US)

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 1065914 A1 20010103; **EP 1065914 B1 20040121**; CA 2311088 A1 20001230; CA 2311088 C 20040120; DE 50005068 D1 20040226; JP 2001043996 A 20010216; JP 4287986 B2 20090701; US 6386140 B1 20020514

DOCDB simple family (application)
EP 00810376 A 20000503; CA 2311088 A 20000609; DE 50005068 T 20000503; JP 2000176504 A 20000613; US 57925200 A 20000525