Title (en)

Plasma spray device and method for controlling the status of a plasma spray device

Title (de)

Plasmaspritzvorrichtung, sowie ein Verfahren zur Überwachung des Zustands einer Plasmaspritzvorrichtung

Title (fr)

Dispositif de pulvérisation par plasma et procédé de contrôle de l'état d'un dispositif de pulvérisation par plasma

Publication

EP 1635623 B1 20171004 (DE)

Application

EP 05405473 A 20050811

Priority

- EP 04405570 A 20040910
- EP 05405473 A 20050811

Abstract (en)

[origin: EP1635623A2] The device has a plasma burner (2) for heating a spray powder (3) in a heating zone (4) and a dosing unit (5) for feeding spray powder into an injector unit (6) with a transport gas (7) at defined pressure. Spray powder can be introduced into the heating zone by transport gas emanating from the powder injector. A pressure sensor (11) for detecting the pressure of the transport gas is provided for monitoring the state of the plasma spray device. An independent claim is also included for a method of monitoring an inventive device.

IPC 8 full level

H05H 1/42 (2006.01); **H05H 1/36** (2006.01)

CPC (source: EP)

H05H 1/42 (2013.01)

Cited by

EP1970126A1; WO2019180190A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1635623 A2 20060315; **EP 1635623 A3 20111214**; **EP 1635623 B1 20171004**

DOCDB simple family (application)

EP 05405473 A 20050811