

Title (en)
Device for plasma-spraying.

Title (de)
Vorrichtung zum Plasmaspritzen.

Title (fr)
Dispositif de pulvérisation par plasma.

Publication
EP 0342428 B1 19940216 (DE)

Application
EP 89107896 A 19890502

Priority
DE 3816585 A 19880516

Abstract (en)
[origin: EP0342428A2] The invention relates to a device for carrying out the plasma spraying method under difficult conditions, in which there is arranged at the exit opening (13) of the anode (12) from which the plasma stream (14) emerges a ring nozzle (16) having a defined ring gap (17), through which water is forced at at least 6 bar, and the diameter of the ring nozzle exit (18) is at least five times the diameter of the plasma stream, resulting in a water jacket (19) around the plasma stream (14). <IMAGE>

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H05H 1/42; **H05H 1/34**; **B05B 7/22**

IPC 8 full level
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CPC (source: EP)
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Cited by
DE102011052119A1; EP2959992A1; DE102011052120A1; WO2013014211A2; DE102011052121A1; WO2013014213A2; WO2013014214A2; US9580787B2

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