

Title (en)
POWDER FLAME SPRAY DEVICE WITH AN ACCELERATOR NOZZLE

Publication
EP 0142816 B1 19881214 (DE)

Application
EP 84113717 A 19841114

Priority
DE 8333305 U 19831119

Abstract (en)
[origin: EP0142816A2] 1. Powder flame sprayer consisting of a main body (1), on which is arranged a flame spraying nozzle (2) with a special accelerator nozzle at its front end, which is supplied with accelerator gas by the main body, discharge openings connected to an annular gap (11) between the flame spraying nozzle (2) and a detachable retaining sleeve (25) being provided for this purpose on the main body, in which radial openings (22) are provided in the retaining sleeve (25) opposite an annular space (30) of an adapter sleeve (31), which is arranged on the retaining sleeve (25) and has nozzle tubes (20) directed to the front end of the flame spraying nozzle (2) and connected by the annular space (30) to the annular gap (11).

IPC 1-7
B05B 7/20; **H05H 1/42**

IPC 8 full level
B05B 7/20 (2006.01); **H05H 1/42** (2006.01)

CPC (source: EP)
B05B 7/205 (2013.01); **H05H 1/42** (2013.01)

Citation (opposition)
Opponent : Castolin S.A.
• US 3344992 A 19671003 - NORRIS EDWARD O
• DE 3103753 A1 19811217 - EUTECTIC CORP [US]
• FR 859917 A 19410102 - METALLISATION SOC NOUV
• US 2544259 A 19510306 - GAETANO DUCCINI, et al
• EP 0052821 A1 19820602 - METCO INC [US]

Cited by
EP0379119A1; US4964568A; EP0621079A1; EP2574408A1; WO9916922A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0142816 A2 19850529; **EP 0142816 A3 19860326**; **EP 0142816 B1 19881214**; AT E39222 T1 19881215; DE 3475600 D1 19890119

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