

Title (en)

ADJUSTABLE FLAT PATTERN POWDER SPRAY GUN

Publication

EP 0227368 A3 19871125 (EN)

Application

EP 86309542 A 19861208

Priority

US 81163285 A 19851220

Abstract (en)

[origin: EP0227368A2] An electrostatic spray gun (10) for spraying solid particulate powder materials entrained in a gas medium in a flat pattern including an electrically non-conductive housing (16) and a nozzle (12) to which is rotatably mounted an orifice restricting element (61) with a pair of edges (75) which move across the nozzle orifice (49) as the element (61) is rotated to adjustably restrict the orifice (49) and thereby vary the width of the flat powder spray pattern.

IPC 1-7

B05B 5/02; **B05B 1/04**; **B05B 7/14**; **B05B 1/12**; **B05B 1/32**

IPC 8 full level

B05B 7/14 (2006.01); **B05B 1/04** (2006.01); **B05B 1/32** (2006.01); **B05B 5/025** (2006.01); **B05B 5/03** (2006.01)

CPC (source: EP)

B05B 1/042 (2013.01); **B05B 1/326** (2013.01); **B05B 5/032** (2013.01)

Citation (search report)

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CN110506725A

Designated contracting state (EPC)

BE CH DE FR GB LI NL SE

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EP 0227368 A2 19870701; **EP 0227368 A3 19871125**; AU 6677486 A 19870625; JP S62163758 A 19870720

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