

Title (en)
POWDER SPRAYING DEVICE

Title (de)
PULVERSPRÜHEINRICHTUNG

Title (fr)
DISPOSITIF DE PULVERISATION POUR POUDRAGE

Publication
EP 0941145 A1 19990915 (DE)

Application
EP 96942367 A 19961206

Priority
EP 9605462 W 19961206

Abstract (en)
[origin: WO9824555A1] The invention relates to a powder spraying device for electrostatic powder coating of workpieces. In order to achieve a particularly good powder particle charge, the powder spraying device (10) contains a chamber (1) into which a powder/air mixture (PL) is introduced crosswise to the spraying device (13) by means of a feed pipe (11). A ground electrode (5) and multiple high-voltage electrodes (7) are placed in the chamber (1). All electrodes (5, 7) are swept by purified air (RLE, RLH) in order to prevent powder deposits.

IPC 1-7
B05B 5/03

IPC 8 full level
B05B 5/025 (2006.01); **B05B 5/03** (2006.01)

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