

Title (en)

Spray coating device for electrostatic spray coating

Title (de)

Sprühbeschichtungsvorrichtung zur elektrostatischen Sprühbeschichtung

Title (fr)

Dispositif de revêtement par pulvérisation pour le revêtement par pulvérisation electrostatique

Publication

EP 0779105 B1 20011205 (DE)

Application

EP 96115643 A 19960930

Priority

DE 19546970 A 19951215

Abstract (en)

[origin: EP0779105A1] The apparatus includes a spray gun (2) coupled by an adaptor (4) to the tubular casing (6) through which all wires are routed. The material to be deposited is supplied through a duct (40) to an atomiser (12). The casing is fixed to the rear end of the gun housing (10) which encloses the wire (20) to the ion deflection electrodes (16) and the high-voltage generator (34). It is supported by a positioning device outside the booth with sufficient length (30-200 cm) to extend through an opening in the wall.

IPC 1-7

B05B 5/03; **B05B 15/06**

IPC 8 full level

B05B 5/03 (2006.01); **B05B 15/02** (2006.01); **B05B 15/06** (2006.01); **B05B 15/555** (2018.01); **B05B 15/65** (2018.01)

CPC (source: EP US)

B05B 5/032 (2013.01 - EP US); **B05B 15/555** (2018.01 - EP US); **B05B 15/65** (2018.01 - EP US)

Cited by

DE10150759B4; EP1514610A1; DE10150759A1; US6712291B2; US6935583B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0779105 A1 19970618; **EP 0779105 B1 20011205**; AT E209969 T1 20011215; DE 19546970 A1 19970619; DE 19546970 B4 20060817; DE 59608366 D1 20020117; ES 2169191 T3 20020701; TR 199600963 A2 19970721; US 5759271 A 19980602

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EP 96115643 A 19960930; AT 96115643 T 19960930; DE 19546970 A 19951215; DE 59608366 T 19960930; ES 96115643 T 19960930; TR 9600963 A 19961202; US 75692196 A 19961204