

Title (en)
Spray device for coating material

Title (de)
Sprühvorrichtung für Beschichtungsmaterial

Title (fr)
Dispositif de pulvérisation pour matériaux de revêtement

Publication
EP 0723815 A3 19990317 (DE)

Application
EP 95118742 A 19951129

Priority
DE 19502522 A 19950127

Abstract (en)
[origin: EP0723815A2] The plastic body (1) incorporates two compressed-air ducts (16, 17) leading to outlets (18, 19) on opposite sides of the central slot (10) through which the coating powder is ejected. A high-voltage electrode (26) is installed in one outlet (18) only. The blast from the other outlet (19) is directed into the stream of powder so as to counteract any deflection by the blast surrounding the electrode. For best results, the nozzle has a flattened face (20.1) at the end of a conical frustum (30) centred on the axis (4).

IPC 1-7
B05B 5/03

IPC 8 full level
B05B 5/025 (2006.01); **B05B 5/03** (2006.01); **B05B 5/053** (2006.01); **B05B 5/08** (2006.01); **B05B 1/04** (2006.01)

CPC (source: EP US)
B05B 5/032 (2013.01 - EP US); **B05B 5/0533** (2013.01 - EP US); **B05B 1/04** (2013.01 - EP US)

Citation (search report)

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- [A] DE 4312262 A1 19941020 - GEMA VOLSTATIC AG [CH]
- [AD] DE 2837428 A1 19790322 - GEMA AG
- [A] US 4989793 A 19910205 - GIMPLE JAMES J [US]

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DE19709786A1; WO9824555A1

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

DOCDB simple family (publication)
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