

Title (en)  
Spray device for coating material

Title (de)  
Sprühhvorrichtung für Beschichtungsmaterial

Title (fr)  
Dispositif de pulvérisation pour matériaux de revêtement

Publication  
**EP 0723815 B1 20010321 (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)

Cited by  
DE19709786A1; WO9824555A1

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

DOCDB simple family (publication)  
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