

Title (en)

Method and device for coating electrostatically and/or pneumatically a conductive substrate with a liquid coating product

Title (de)

Verfahren und Vorrichtung zum elektrostatischen und / oder pneumatischen Applizieren von flüssigen Überzugsmitteln auf leitfähige Substrate

Title (fr)

Procédé et dispositif de revêtement électrostatique et/ou pneumatique d'un substrat conducteur par un produit de revêtement liquide

Publication

**EP 0695582 B1 19991027 (DE)**

Application

**EP 94109125 A 19940614**

Priority

EP 94109125 A 19940614

Abstract (en)

[origin: EP0695582A1] The spray device is used to apply a metallic paint to a conductive surface, using an electrostatic and/or pneumatic spray gun providing a spray cone (8) directed onto the surface, with an air stream directed parallel to the latter. A second air stream is directed around the outside of spray cone, to provide an unsymmetrical spray one configuration (7) with separation of the larger and smaller paint droplets. The coated surface is move relative to the spray cone so that the small droplets are deposited on the surface before the larger droplets.

IPC 1-7

**B05B 5/04**; **B05B 7/08**

IPC 8 full level

**B05B 5/04** (2006.01); **B05B 7/08** (2006.01); **B05B 3/10** (2006.01)

CPC (source: EP)

**B05B 3/1064** (2013.01); **B05B 3/1092** (2013.01); **B05B 5/0407** (2013.01); **B05B 5/0426** (2013.01); **B05D 1/04** (2013.01); **B05D 7/14** (2013.01); **B05D 3/042** (2013.01)

Cited by

EP2143500A3; CN103826755A; US8097293B2; US11311903B2; WO2013041184A1; EP1923138A1; EP1331037A2; EP2121197B1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0695582 A1 19960207**; **EP 0695582 B1 19991027**; DE 59408862 D1 19991202

DOCDB simple family (application)

**EP 94109125 A 19940614**; DE 59408862 T 19940614