

Title (en)  
Spray coating apparatus

Title (de)  
Sprühbeschichtungseinrichtung

Title (fr)  
Dispositif de revêtement par pulvérisation

Publication  
**EP 1060795 A3 20030521 (DE)**

Application  
**EP 00110032 A 20000512**

Priority  
DE 19926926 A 19990614

Abstract (en)  
[origin: EP1060795A2] The spray coating device has a HV generator (12) for supplying at least one HV electrode (10) of a coating spray (2), with regulation of the electric current carried by the coating material between the coating spray and the coated object, using a regulator (16) with current and voltage limitation functions, supplied with the measured current value by a measuring circuit (24) connected in a feedback path between the coated object and the regulator.

IPC 1-7  
**B05B 5/10**; **B05B 5/053**

IPC 8 full level  
**B05D 1/04** (2006.01); **B05B 5/025** (2006.01); **B05B 5/10** (2006.01)

CPC (source: EP US)  
**B05B 5/10** (2013.01 - EP US)

Citation (search report)

- [X] EP 0734778 A2 19961002 - GEMA VOLSTATIC AG [CH]
- [A] US 3875892 A 19750408 - GREGG PAUL S, et al
- [A] US 3851618 A 19741203 - BENTLEY S
- [A] DE 2310082 A1 19731004 - GEMA AG
- [A] EP 0092404 A2 19831026 - RANSBURG CORP [US]

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EP2039434A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1060795 A2 20001220**; **EP 1060795 A3 20030521**; **EP 1060795 B1 20071107**; AT E377453 T1 20071115; CA 2311210 A1 20001214; CA 2311210 C 20050809; DE 19926926 A1 20001221; DE 50014755 D1 20071220; DK 1060795 T3 20080211; ES 2294985 T3 20080416; JP 2001025688 A 20010130; JP 4638976 B2 20110223; US 2003064167 A1 20030403; US 6537378 B1 20030325; US 6656536 B2 20031202

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