

Title (en)

Control for an electrostatic spray coating apparatus

Title (de)

Steuerung für eine elektrostatische Sprühbeschichtungseinrichtung

Title (fr)

Commande pour un dispositif de revêtement par pulvérisation électrostatique

Publication

EP 1060795 A2 20001220 (DE)

Application

EP 00110032 A 20000512

Priority

DE 19926926 A 19990614

Abstract (en)

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.

Abstract (de)

Sprühbeschichtungseinrichtung mit einer Sprühvorrichtung (2) und einer Regeleinrichtung (16) zur Hochspannungsbegrenzung und zur Strombegrenzung sowie zur direkten Messung des elektrischen Sprühstromes der Hochspannungselektrode (10). <IMAGE>

IPC 1-7

B05B 5/10

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 (applicant)

- EP 0160179 B1 19881026
- US 4000443 A 19761228 - LEVER ROBERT CHARLES
- GB 2077006 A 19811209 - RANSBURG CORP
- US 4187527 A 19800205 - BENTLEY STANLEY L [US]
- EP 0559608 B1 19951227 - FREI SIEGFRIED [CH]

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EP2039434A1

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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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