

Title (en)

APPARATUS FOR AND METHOD OF CONTROLLING RATE OF DEPOSITION OF MATERIAL FROM A MOVING VEHICLE

Publication

EP 0109303 A3 19841107 (EN)

Application

EP 83306944 A 19831114

Priority

US 44186482 A 19821115

Abstract (en)

[origin: EP0109303A2] Apparatus for and method of spraying a substance such as paint onto a road surface or the like to form a coating of uniform thickness in which the speed of the vehicle (10) mounting the system is detected and a speed signal produced which controls air flow through a variable flow air valve (34) to a diaphragm air pump (50) which supplies paint or other substance to a spray gun (22, 24). The speed is detected by a road wheel (40) which feeds a train of pulses to a frequency to D.C. converter (39). The converter (39) produces an electrical signal which controls a transducer (44) for controlling the variable air valve (34).

IPC 1-7

B05B 9/06; **E01C 23/16**

IPC 8 full level

B05B 17/00 (2006.01); **B05B 9/06** (2006.01); **E01C 23/16** (2006.01); **E01C 23/18** (2006.01); **E01C 23/22** (2006.01)

CPC (source: EP)

B05B 9/06 (2013.01); **E01C 23/222** (2013.01)

Citation (search report)

- [AD] US 4247045 A 19810127 - MITCHELL WAYNE R, et al
- [A] GB 792060 A 19580319 - AEROSTYLE LTD
- [A] GB 946541 A 19640115 - SANDALL PREC COMPANY LTD

Cited by

BE1030124B1; EP1466051A4; US5324136A; CN100392186C; KR100400820B1; EP0470877A1; FR2665717A1; US5279500A; CN107497634A; US6827524B2; WO2004011725A1; WO9804779A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 0109303 A2 19840523; **EP 0109303 A3 19841107**; JP S59145804 A 19840821

DOCDB simple family (application)

EP 83306944 A 19831114; JP 21344383 A 19831115