

Title (en)
Powder spray coating device

Title (de)
Pulver-Sprühbeschichtungsvorrichtung

Title (fr)
Dispositif de revêtement de poudre par pulvérisation

Publication
EP 0780160 B1 19991222 (DE)

Application
EP 96115438 A 19960926

Priority
DE 19548607 A 19951223

Abstract (en)
[origin: EP0780160A1] The powder sprayer has at least one control unit (2) with a delivery air outlet (14) where an air pipe (12) can be connected with an injector pump(6) in order to deliver powder pneumatically to a nozzle (8). A first air path (94) leads to the air outlet with a valve adjusted manually to change the pressure or rate of flow. A second air path (98) also goes to the air outlet with a valve(78) adjusted automatically. A changeover valve lies between a compressed air pipe (86) and the two air paths, so that compressed air can be applied to either path. An air outlet (32) with a pipe (30) allows additional air to go to the injector pump.

IPC 1-7
B05B 5/16; **B05B 7/14**; **B05B 12/08**

IPC 8 full level
B05B 5/16 (2006.01); **B05B 7/14** (2006.01); **B05B 12/00** (2018.01); **B05B 12/08** (2006.01); **B05B 12/12** (2006.01)

CPC (source: EP US)
B05B 7/1404 (2013.01 - EP US); **B05B 12/006** (2013.01 - EP US); **B05B 12/085** (2013.01 - EP US); **B05B 12/122** (2013.01 - EP US); **B05B 5/1683** (2013.01 - EP US)

Cited by
EP0943372A3

Designated contracting state (EPC)
AT CH DE LI

DOCDB simple family (publication)
EP 0780160 A1 19970625; **EP 0780160 B1 19991222**; AT E187903 T1 20000115; CA 2193192 A1 19970624; CA 2193192 C 20000222; DE 19548607 A1 19970626; DE 59603977 D1 20000127; US 5776249 A 19980707

DOCDB simple family (application)
EP 96115438 A 19960926; AT 96115438 T 19960926; CA 2193192 A 19961217; DE 19548607 A 19951223; DE 59603977 T 19960926; US 77031896 A 19961220