

Title (en)

Apparatus for powder spray coating

Title (de)

Pulver-Sprühbeschichtungsvorrichtung

Title (fr)

Dispositif de revêtement par projection de poudre

Publication

EP 0925842 A3 20010228 (DE)

Application

EP 98115297 A 19980814

Priority

DE 19748821 A 19971105

Abstract (en)

[origin: DE19748821A1] The device includes an air divider (16) which has two shaft sections (34,36) rotatable in a bearing (38). The feed air path (54,57,70) and the additional air path (56,84,86) each have at least one throttling passage formed by at least one slot (40,42) in one of the two shaft sections and a face (39) of the bearing covering the slot. Each slot extends in the circumferential direction of the shaft, and from the start of the slot (41,43) to the slot end (45,47) has a cross section which becomes increasingly smaller so that an increasingly greater air resistance is formed with the bearing face.

IPC 1-7

B05B 7/14

IPC 8 full level

B05B 7/14 (2006.01); **B05C 11/10** (2006.01)

CPC (source: EP US)

B05B 7/1404 (2013.01 - EP US); **B05B 7/1472** (2013.01 - EP US)

Citation (search report)

- [DA] DE 4409493 A1 19940929 - RIBNITZ PETER [CH]
- [DA] US 3625404 A 19711207 - PROBST RICHARD O

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)

DE 19748821 A1 19990506; CA 2253072 A1 19990505; CN 1218721 A 19990609; EP 0925842 A2 19990630; EP 0925842 A3 20010228; JP H11239741 A 19990907; US 6155752 A 20001205

DOCDB simple family (application)

DE 19748821 A 19971105; CA 2253072 A 19981104; CN 98120005 A 19980918; EP 98115297 A 19980814; JP 31269798 A 19981104; US 18559598 A 19981104