

Title (en)

Device for powdering substrates, in particular printed substrates

Title (de)

Vorrichtung zum Bestäuben von Produkten, insbesondere Druckprodukten

Title (fr)

Appareil de poudrage de substrats, en particulier de substrats imprimés

Publication

EP 1777070 A3 20080326 (DE)

Application

EP 06017700 A 20060825

Priority

DE 102005050199 A 20051018

Abstract (en)

[origin: EP1777070A2] The device has a nozzle (1) delivering a powder mist and including an inlet opening (9) for a mixture of powder and a drift air, and a powder- mist-outlet opening. The nozzle also comprises a mass force separator (39) for separating a section of the carrier air from the powder-carrier air-flow (13). The separator is provided between the inlet opening and the powder mist-outlet opening. The separator has a carrier air-outlet channel (35) for the separated section of the carrier air.

IPC 8 full level

B41F 23/06 (2006.01); **B05B 7/14** (2006.01)

CPC (source: EP)

B05B 7/1486 (2013.01); **B41F 23/06** (2013.01); **B05B 1/14** (2013.01)

Citation (search report)

- [X] WO 0226391 A1 20020404 - OWENS CORNING COMPOSITES SPRL [BE], et al
- [XA] DE 2452793 B1 19760226 - AMAZONEN WERKE DREYER H

Cited by

WO2015025234A1; EP2578406A3; EP2783755A1; EP2837459A1; CN114053892A; CN108602087A; EP3383555A4; US10427177B2; US11000867B2; US9278363B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1777070 A2 20070425; EP 1777070 A3 20080326; DE 102005050199 A1 20070419

DOCDB simple family (application)

EP 06017700 A 20060825; DE 102005050199 A 20051018