

Title (en)

DEVICE AND METHOD FOR DUSTING SMOOTH OR SHEET-LIKE PRODUCTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BESTÄUBEN BAHN- ODER BLATTFÖRMIGER PRODUKTE

Title (fr)

DISPOSITIF ET PROCEDE DE SAUPOUDRAGE DE PRODUITS A SURFACE LISSE OU EN FORME DE FEUILLE

Publication

EP 0925190 B1 20020904 (DE)

Application

EP 97937575 A 19970813

Priority

- DE 19635830 A 19960904
- EP 9704394 W 19970813

Abstract (en)

[origin: US6447855B1] The present invention relates to a device and method for dusting smooth or sheet-like products, comprising at least one duster for spraying an air/powder mixture on said products. In order to ensure efficient dusting with no dirt accumulation in the printer or the surrounding area, it is suggested that part of the powder particles be magnetized and means be provided for creating a magnetic field in the powder deposit area so that said powder particles are subjected to a force drawing them towards the product.

IPC 1-7

B41F 23/06; B05B 7/14

IPC 8 full level

B05B 5/00 (2006.01); **B05B 5/08** (2006.01); **B05B 7/14** (2006.01); **B05B 17/04** (2006.01); **B05D 1/02** (2006.01); **B05D 1/12** (2006.01); **B41F 23/06** (2006.01)

CPC (source: EP US)

B05B 5/00 (2013.01 - EP US); **B05B 17/04** (2013.01 - EP US); **B05D 1/12** (2013.01 - EP US); **B41F 23/06** (2013.01 - EP US); **Y10S 430/102** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IE IT LI NL SE

DOCDB simple family (publication)

US 6447855 B1 20020910; AT E223311 T1 20020915; DE 19635830 A1 19980305; DE 59708137 D1 20021010; EP 0925190 A1 19990630; EP 0925190 B1 20020904; JP 2000517259 A 20001226; WO 9809818 A1 19980312

DOCDB simple family (application)

US 73182500 A 20001208; AT 97937575 T 19970813; DE 19635830 A 19960904; DE 59708137 T 19970813; EP 9704394 W 19970813; EP 97937575 A 19970813; JP 51216198 A 19970813