

Title (en)

Method of and apparatus for the electrostatic powdering of objects in several different layers.

Title (de)

Verfahren und Vorrichtung zum elektrostatischen Pulverspritzen von Gegenständen in mehreren unterschiedlichen Schichten.

Title (fr)

Procédé et dispositif de poudrage électrostatique d'objets en plusieurs couches différentes.

Publication

**EP 0042111 A1 19811223 (FR)**

Application

**EP 81104290 A 19810604**

Priority

FR 8013161 A 19800613

Abstract (en)

[origin: ES8203649A1] Apparatus for electrostatically depositing powder on objects which move continuously through a powder-depositing booth of modular type having a powder depositing module (B) on each side of which there is an air filter module (A and C) the powder depositing module (B) has two compartment (B1, B2) next to each other each compartment having a distinct powder store tank (11, 12) which allows two layers of powder to be applied successively to the object to be treated. Application to enamelling objects Figure to be published: FIG. 2.

Abstract (fr)

Dispositif de poudrage électrostatique d'objets se déplaçant en continu à travers au moins deux cabines de traitement du type modulaire comportant un module de pulvérisation de poudre (B2) encadré par des modules de filtration d'air (A2 et C2); le module de pulvérisation de poudre de la ou des cabines suivant la première comporte une chambre de pulvérisation (B2) comprenant deux compartiments voisins (B2-1, B2-2) comportant chacun un bac de réserve de poudre (11, 12) distinct permettant d'appliquer successivement à l'objet à traiter deux couches de poudre.

IPC 1-7

**B05D 1/06**; **B05B 15/04**

IPC 8 full level

**B05B 5/08** (2006.01); **B05B 15/12** (2006.01); **B05D 1/06** (2006.01)

CPC (source: EP US)

**B05B 16/20** (2018.01 - EP US); **B05B 16/90** (2018.01 - EP US); **B05D 1/06** (2013.01 - EP US); **B05D 7/54** (2013.01 - EP US); **B05D 1/007** (2013.01 - EP US); **B05D 2451/00** (2013.01 - EP US)

Citation (search report)

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**EP 0042111 A1 19811223**; **EP 0042111 B1 19841114**; AR 226730 A1 19820813; BR 8103756 A 19820302; DE 3167167 D1 19841220; ES 502998 A0 19820401; ES 8203649 A1 19820401; FR 2484291 A1 19811218; FR 2484291 B1 19841116; GR 74934 B 19840712; JP S5727174 A 19820213; NO 811974 L 19811214; SU 1120919 A3 19841023; US 4376136 A 19830308; US 4454832 A 19840619; YU 137381 A 19831031

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**EP 81104290 A 19810604**; AR 28570681 A 19810612; BR 8103756 A 19810612; DE 3167167 T 19810604; ES 502998 A 19810612; FR 8013161 A 19800613; GR 810165214 A 19810611; JP 9016581 A 19810611; NO 811974 A 19810611; SU 3340591 A 19810611; US 26788981 A 19810528; US 43078082 A 19820930; YU 137381 A 19810529