

Title (en)

METHOD AND APPARATUS FOR THE RE-IONISATION OF INSULATING POWDER IN AN ELECTROSTATIC POWDER-COATING INSTALLATION

Publication

**EP 0035246 B1 19831123 (FR)**

Application

**EP 81101408 A 19810226**

Priority

FR 8004906 A 19800305

Abstract (en)

[origin: ES8201444A1] An apparatus and method of using the apparatus for electrostatically depositing powder on moving objects. The apparatus includes powder-spraying chamber, air-filtering units adjacent the entrance and exit of the chamber, and at least one re-ionization chamber disposed between an air-filtering unit and the powder-spraying chamber. Each re-ionization chamber has walls extending transversely to the direction of motion of the objects through the apparatus to direct powder towards the objects on which powder is to be deposited.

IPC 1-7

**B05B 15/04**

IPC 8 full level

**B05B 5/057** (2006.01); **B05B 5/08** (2006.01); **B05B 15/12** (2006.01)

CPC (source: EP US)

**B05B 5/08** (2013.01 - EP US); **B05B 14/42** (2018.01 - EP US)

Citation (examination)

- GB 1413964 A 19751112 - VOLSTATIC COATINGS LTD
- FR 2333585 A1 19770701 - BRENNENSTUHL KG HUGO [DE]
- FR 2300625 A1 19760910 - AIR IND [FR]
- FR 2442080 A1 19800620 - EUROP EQUIP MENAGER
- GB 1530508 A 19781101 - VOLSTATIC COATINGS LTD
- FR 2403117 A1 19790413 - VOLSTATIC HOLDINGS LTD [GB]

Cited by

EP1162002A3

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0035246 A1 19810909; EP 0035246 B1 19831123**; AR 226346 A1 19820630; BR 8101249 A 19810908; DE 3161466 D1 19831229; ES 500063 A0 19811216; ES 8201444 A1 19811216; FR 2477431 A1 19810911; FR 2477431 B1 19840928; GR 74474 B 19840628; JP S56168852 A 19811225; MX 150050 A 19840305; NO 810710 L 19810907; US 4385079 A 19830524; YU 54481 A 19830630

DOCDB simple family (application)

**EP 81101408 A 19810226**; AR 28451581 A 19810404; BR 8101249 A 19810227; DE 3161466 T 19810226; ES 500063 A 19810304; FR 8004906 A 19800305; GR 810164287 A 19811031; JP 3108281 A 19810304; MX 18622681 A 19810304; NO 810710 A 19810303; US 23796881 A 19810501; YU 54481 A 19810304