

Title (en)

Powder coating assembly with spray media and opposing extraction ports

Title (de)

Pulverbeschichtungsanlage mit Sprühmitteln und gegenüberliegenden Absaugöffnungen

Title (fr)

Installation de revêtement par poudre avec moyens de pulvérisation et sorties d'air opposées

Publication

EP 2581138 B1 20190731 (DE)

Application

EP 12006840 A 20121001

Priority

DE 202011051599 U 20111011

Abstract (en)

[origin: EP2581138A2] The system has spraying units (2) comprising nozzles for spraying coating powder and arranged in a cabin (1), and suction openings (3) suctioning waste powder. The openings are formed corresponding to the spraying units and assigned to the respective spraying units such that a part of the waste powder delivered by the spraying units is sucked by the openings. The openings are arranged in a perpendicular plane that is predetermined by spraying direction of the spraying units. A controlling and/or regulating unit controls amount of the power applied by the spraying units.

IPC 8 full level

B05B 14/48 (2018.01); **B05B 15/68** (2018.01); **B05B 14/45** (2018.01); **B05B 16/00** (2018.01)

CPC (source: EP)

B05B 14/48 (2018.01); **B05B 15/68** (2018.01); **B05B 14/45** (2018.01); **B05B 16/90** (2018.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202011051599 U1 20111104; EP 2581138 A2 20130417; EP 2581138 A3 20170125; EP 2581138 B1 20190731

DOCDB simple family (application)

DE 202011051599 U 20111011; EP 12006840 A 20121001