Title (en)

MANUAL COATING GUN AND METHOD, AND COATING STATION COMPRISING SUCH A GUN

Title (de)

HANDSPRÜHPISTOLE UND VERFAHREN ZUM AUFBRINGEN EINES BESCHICHTUNGSPRODUKTS, UND STATION ZUM AUFBRINGEN EINES BESCHICHTUNGSPRODUKTS, DIE EINE SOLCHE SPRÜHPISTOLE UMFASST

Title (fr)

PISTOLET MANUEL ET PROCÉDÉ D'APPLICATION D'UN PRODUIT DE REVÊTEMENT, ET STATION D'APPLICATION D'UN PRODUIT DE REVÊTEMENT COMPRENANT UN TEL PISTOLET

Publication

EP 3222359 B1 20191225 (FR)

Application

EP 17161775 A 20170320

Priority

FR 1652397 A 20160321

Abstract (en)

[origin: US2017266681A1] This manual gun (2) for applying a coating product comprises a high voltage unit (42), designed for electrostatically charge the coating product at a voltage/flow rate characteristic when it is supplied with electric power, and adjustment means (16), for selecting, from among several pre-adjusted voltage/current characteristics, the voltage/current characteristic according to which the product is electrostatically charged. This gun also comprises a control member (10), which is maneuverable between an inactive configuration, where it opposes the application of the coating product and wherein the high voltage unit (42) is not supplied with electric power, and an active configuration, wherein it does not oppose the application of the coating product and wherein the high voltage unit is supplied with electric power. The adjustment means (16) comprise control buttons, giving the possibility of manually adjusting the flow rate of coating product applied by the gun when the control member (10) is in an active configuration and of selecting the voltage/current characteristic when the control member is in an inactive configuration.

IPC 8 full level

B05B 5/035 (2006.01); **B05B 5/053** (2006.01); **B05B 12/00** (2018.01); B05B 5/025 (2006.01); B05B 7/12 (2006.01)

CPC (source: CN EP KR US)

B05B 5/005 (2013.01 - KR US); **B05B 5/025** (2013.01 - KR); **B05B 5/0255** (2013.01 - CN); **B05B 5/032** (2013.01 - KR US); **B05B 5/035** (2013.01 - EP KR US); **B05B 5/053** (2013.01 - EP KR US); **B05B 5/16** (2013.01 - CN); **B05B 7/12** (2013.01 - KR); **B05B 12/002** (2013.01 - EP KR US); **B05C 17/10** (2013.01 - CN); B05B 5/025 (2013.01 - EP US); B05B 7/12 (2013.01 - EP US)

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)

EP 3222359 A1 20170927; **EP 3222359 B1 20191225**; BR 102017004747 A2 20170926; CN 107214055 A 20170929; DK 3222359 T3 20200316; ES 2770085 T3 20200630; FR 3048894 A1 20170922; FR 3048894 B1 20180420; HR P20200030 T1 20200320; HU E047304 T2 20200428; JP 2017170432 A 20170928; JP 6912226 B2 20210804; KR 102329795 B1 20211122; KR 20170110513 A 20171011; PL 3222359 T3 20200713; PT 3222359 T 20200304; RU 2017109118 A 20180920; RU 2017109118 A3 20200702; US 2017266681 A1 20170921

DOCDB simple family (application)

EP 17161775 A 20170320; BR 102017004747 A 20170309; CN 201710166252 A 20170320; DK 17161775 T 20170320; ES 17161775 T 20170320; FR 1652397 A 20160321; HR P20200030 T 20200109; HU E17161775 A 20170320; JP 2017043623 A 20170308; KR 20170033257 A 20170316; PL 17161775 T 20170320; PT 17161775 T 20170320; RU 2017109118 A 20170320; US 201715456813 A 20170313