

Title (en)

Method for determining spray parameters for controlling a paint gun using a spray agent

Title (de)

Verfahren zur Ermittlung von Sprühparametern zur Steuerung eines Sprühmittels einsetzenden Lackiergeräts

Title (fr)

Procédé destiné au calcul de paramètres de traçage pour la commande d'un produit granulé utilisant un appareil de laquage

Publication

EP 1870165 A3 20080528 (DE)

Application

EP 07009481 A 20070511

Priority

DE 102006028258 A 20060620

Abstract (en)

[origin: EP1870165A2] The method involves providing a known spray pattern e.g. thin spray pattern, determined by a known spraying parameter e.g. paint quantity, for the use of a spraying agent, and intending changed spraying parameters corresponding to spray pattern as spraying parameters for another spraying agent. The changed spraying parameters are provided to a robot based paint spraying apparatus whenever the latter spraying agent is utilized, where the spraying parameters comprise a set of air currents which influence spraying behavior of the paint-spraying apparatus.

IPC 8 full level

B05B 12/00 (2006.01)

CPC (source: EP US)

B05B 12/00 (2013.01 - EP US); **B05B 5/0426** (2013.01 - EP US)

Citation (search report)

- [X] US 6507803 B1 20030114 - EICKMEYER DIETMAR [DE], et al
- [X] US 2005106328 A1 20050519 - MOORE JOHN R [US], et al
- [A] DE 10038816 A1 20020613 - ABB PATENT GMBH [DE]
- [AD] DE 19936146 A1 20010201 - ABB RESEARCH LTD [CH]
- [A] EP 0867233 A1 19980930 - BASF CORP [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1870165 A2 20071226; EP 1870165 A3 20080528; EP 1870165 B1 20091104; AT E447445 T1 20091115; DE 102006028258 A1 20071227; DE 502007001885 D1 20091217; JP 2008036625 A 20080221; US 2007289358 A1 20071220; US 8551573 B2 20131008

DOCDB simple family (application)

EP 07009481 A 20070511; AT 07009481 T 20070511; DE 102006028258 A 20060620; DE 502007001885 T 20070511; JP 2007161773 A 20070619; US 81244307 A 20070619