

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 Sprühmittel einsetzenden Lackiergerätes

Title (fr)

Procédé de détermination de paramètres de pulvérisation pour la commande d'un appareil de revêtement utilisant un moyen de pulvérisation

Publication

EP 1927404 B1 20110126 (DE)

Application

EP 07021696 A 20071108

Priority

- DE 102006056446 A 20061128
- DE 102007015684 A 20070331
- DE 102007026041 A 20070604

Abstract (en)

[origin: EP1927404A2] The method involves producing a known spraying map using known spraying parameters and paint amount for a predetermined movement speed of a painting appliance. A paint amount is matched to a new movement speed in comparison to the predetermined movement speed. New spraying parameters are calculated for the adapted paint amount while maintaining a spraying map similar to the known spraying map. The movement speed and the change in speed is provided as a preset value for an actual speed for a robot controller (54).

IPC 8 full level

B05B 12/08 (2006.01); **B05B 12/12** (2006.01); **B05B 3/10** (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP US)

B05B 12/126 (2013.01 - EP US); **B05B 3/10** (2013.01 - EP US); **B05B 3/1092** (2013.01 - EP US); **B05B 13/0431** (2013.01 - EP US)

Cited by

CN102989611A; CN104525422A; CN105583103A; CN104525420A; CN104549850A

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