

Title (en)

Process and system for supplying paint to a coating installation

Title (de)

Verfahren und System zur Farbversorgung einer Beschichtungsanlage

Title (fr)

Système et procédé d'alimentation en peinture d'une installation de revêtement

Publication

EP 0796665 B1 20000712 (DE)

Application

EP 97104631 A 19970318

Priority

DE 19610589 A 19960318

Abstract (en)

[origin: EP0796665A2] The method employs cartridges (2) of different colours arranged on a carousel (1), filled automatically at a replenishment station (4) and moved singly by a linear piston-cylinder unit (12) at a transfer station (10) to a spray coating robot, which slides (15) parallel to the workpiece conveyor and can be pivoted between a working position (14a) and a cartridge-changing position (14b). Preferably, the transferred cartridge (2') is inserted into a robot arm (16) while the latter is vertical. After use, it is returned to the transfer station and taken back to the replenishment station for reuse.

IPC 1-7

B05B 12/14; **B05B 13/04**; **B05B 5/16**

IPC 8 full level

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CPC (source: EP)

B05B 5/1625 (2013.01); **B05B 12/1463** (2013.01); **B05B 13/0431** (2013.01)

Cited by

FR2777482A1; CN104998786A; FR2794384A1; CN110180709A; DE19838805A1; EP0983798A3; DE102004059870B4; EP1010469A3; JP2007319728A; DE19940541A1; CN114515661A; EP1293260A2; EP1252935A2; US11772116B2; WO0114067A1; WO9952644A1; WO9806503A1; US7908994B2; US8201585B2; EP1634651A1; WO0232585A1; FR2815555A1; US8418647B2; WO0232586A1; FR2815554A1; WO2023020819A1

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