

Title (en)

Robot with several coating devices

Title (de)

Applikationsroboter mit mehreren Beschichtungsvorrichtungen

Title (fr)

Robot équipé de plusieurs appareils de pulvérisation

Publication

EP 1733799 A1 20061220 (DE)

Application

EP 06011633 A 20060606

Priority

DE 102005027236 A 20050613

Abstract (en)

The robot has several movable axles and a three dimensionally movable end effector which is fitted with several application devices (11, 12) such as atomisers. The application devices can be mounted side by side at a predetermined spacing and each discharge a spray jet with a predetermined jet width in the same direction. The spray width can be as great as the distance between the application devices to ensure the spray jets overlap for total cover. The spray width can be adjustable and the spray jets can also be fixed so that the spray widths do not overlap. Independent claim describes operating method for multi-axle robot where several applicator devices are guided on the end effector.

IPC 8 full level

B05B 13/04 (2006.01)

CPC (source: EP US)

B05B 9/0423 (2013.01 - EP US); **B05B 13/0452** (2013.01 - EP US); **B05B 5/0407** (2013.01 - EP US); **B05B 9/0416** (2013.01 - EP US); **B05B 12/14** (2013.01 - EP US); **B05B 12/1472** (2013.01 - EP US); **B05B 13/0415** (2013.01 - EP US); **B05B 13/0431** (2013.01 - EP US)

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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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1733799 A1 20061220; EP 1733799 B1 20100217; AT E457834 T1 20100315; DE 102005027236 A1 20061221; DE 502006006146 D1 20100401; ES 2340787 T3 20100609; US 2007042123 A1 20070222; US 2010330292 A1 20101230; US 7762207 B2 20100727; US 8192800 B2 20120605

DOCDB simple family (application)

EP 06011633 A 20060606; AT 06011633 T 20060606; DE 102005027236 A 20050613; DE 502006006146 T 20060606; ES 06011633 T 20060606; US 45103406 A 20060612; US 82978010 A 20100702