

Title (en)

Automatically controlled coating apparatus comprising a container for the coating material

Title (de)

Automatisch gesteuerte Beschichtungsmaschine mit einem Behälter für das Beschichtungsmaterial

Title (fr)

Dispositif de peinture automatique muni d'un réservoir pour le matériau de revêtement

Publication

EP 1666159 A2 20060607 (DE)

Application

EP 05111274 A 20051124

Priority

DE 102004058054 A 20041201

Abstract (en)

Automatically steered coating machine has machine arm (10) which has two multi-axle wrists (13). An axle element (14) is stored at the machine arm. Applicator is installed at the wrist. A feeder line is connected to container (23) and coating material is arranged into a container in the multi-axle wrist. An independent claim is also included for the wrist.

Abstract (de)

Der Kolbendosierer für die dosierte Materialversorgung des Zerstäubers (Z) eines Lackierroboters ist in dem Handgelenk (13) des Roboters angeordnet. Es werden verschiedene zweckmäßige Ausführungsformen des Dosierzylinders (23) dieses Kolbendosierers beschrieben.

IPC 8 full level

B05B 12/14 (2006.01); **B05B 5/16** (2006.01)

CPC (source: EP)

B05B 5/1633 (2013.01); **B05B 5/1675** (2013.01); **B05B 12/14** (2013.01); **B05B 13/0431** (2013.01)

Citation (applicant)

- EP 1369183 A2 20031210 - DUERR SYSTEMS GMBH [DE]
- DE 10103067 A1 20020725 - DUERR SYSTEMS GMBH [DE]
- DE 69228249 T2 19991209 - FANUC ROBOTICS NORTH AMERICA [US]
- EP 0606278 B1 19990120 - FANUC ROBOTICS NORTH AMERICA [US]
- US 4708580 A 19871124 - AKEEL HADI A [US]

Cited by

EP2853312A3; US8418647B2

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

DOCDB simple family (publication)

EP 1666159 A2 20060607; **EP 1666159 A3 20080813**; **EP 1666159 B1 20101110**; AT E487544 T1 20101115; DE 102004058054 A1 20060608; DE 502005010506 D1 20101223

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