

Title (en)
Process and system for supply paint to a coating installation

Title (de)
Beschichtungsanlage mit auswechselbarem Behälter

Title (fr)
Installation de revêtement à réservoir interchangeable

Publication
EP 0796664 A2 19970924 (DE)

Application
EP 97104632 A 19970318

Priority
DE 19610588 A 19960318

Abstract (en)
The coating unit comprises an exchangeable container (8) which is fitted inside a part of the unit, and is accessible from outside through an opening (16) in the part. The container is coupled to a valve block (4), which in turn is connected to the spray device. The part contains a pneumatic locking cylinder, to press the container against the valve block. The container is formed as a dosing cylinder, and has a sliding piston (14) at one end. This moves towards the valve outlet (10) to eject the paint. The piston rod (18) is driven by an electric servo motor (22). The piston rod end facing the container has a stop sensor (32).

Abstract (de)
Ein auswechselbarer Farbbehälter (8) ist in den Innenraum eines Anlagenteils (1) einsetzbar, der aus isolierendem Werkstoff bestehen kann, und wird dort an einen Ventilblock (4) der Sprühhvorrichtung angekoppelt. Der Behälter (8) ist als Dosierzylinder ausgebildet, an dessen Kolben (14) ein elektromechanischer Antrieb (18,22) angekuppelt wird. <IMAGE>

IPC 1-7
B05B 12/14; B05B 13/04; B05B 7/24

IPC 8 full level
B05B 5/16 (2006.01); **B05B 7/24** (2006.01); **B05B 12/14** (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP)
B05B 5/1625 (2013.01); **B05B 7/24** (2013.01); **B05B 12/1463** (2013.01); **B05B 13/0431** (2013.01)

Cited by
EP1010469A3; EP1252935A2; US8418647B2; US7908994B2; EP1314483A2; EP1293260A2

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