

Title (en)

AN APPARATUS FOR THE POWDER COATING OF AN OBJECT AND RELATED OPEATIVE METHOD

Title (de)

PULVER-BESCHICHTUNGSVORRICHTUNG

Title (fr)

APPAREIL DE REVÊTEMENT DE POUDRE

Publication

EP 3398689 B1 20200318 (EN)

Application

EP 18166440 A 20180410

Priority

IT 201700047173 A 20170502

Abstract (en)

[origin: EP3398689A1] The present invention concerns a device (1) for the powder coating of an object (100), and a related operative method for carrying out a color change. The apparatus (1) comprises: - at least a first and a second container (10, 20) for painting powder; - means (5) for the movement of said first and second container (10, 20) between an operative position (P1, P1', P1'') and a cleaning position (P2, P2', P2''), configured so that, when said first container (10) is in the operative position (P1, P1'), said second container (20) is in said cleaning position (P2, P2''), and so that when said first container (10) is in the cleaning position (P2, P2'), said second container (20) is in the operative position (P1, P1''); - means (4) for cleaning a container (10, 20), which are configured to empty and clean said first or said second container (10, 20), when said first or second container (10, 20) is in the cleaning position (P2, P2', P2''); - means (3) for withdrawing painting powder from said first or second container (10, 20), when said first or second container (10, 20) is in the operative position (P1, P1', P1''), and for feeding it to a device (3c) for delivering painting powder onto an object (100) to be painted.

IPC 8 full level

B05B 7/14 (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)

B05B 7/1445 (2013.01); **B05B 7/1463** (2013.01); **B05B 7/1472** (2013.01); **B05B 12/1463** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3398689 A1 20181107; **EP 3398689 B1 20200318**; ES 2796554 T3 20201127; IT 201700047173 A1 20181102

DOCDB simple family (application)

EP 18166440 A 20180410; ES 18166440 T 20180410; IT 201700047173 A 20170502