

Title (en)
COATING SYSTEM FOR COATING OBJECTS

Title (de)
BESCHICHTUNGSSYSTEM ZUM BESCHICHTEN VON GEGENSTÄNDEN

Title (fr)
SYSTÈME DE REVÊTEMENT SERVANT AU REVÊTEMENT D'OBJETS

Publication
EP 3171983 A1 20170531 (DE)

Application
EP 15750241 A 20150724

Priority
• DE 102014010864 A 20140724
• EP 2015001530 W 20150724

Abstract (en)
[origin: WO2016012100A1] The invention concerns a coating system for coating objects, wherein a coating material (82) can be dispensed by means of an application device (12) with a dispensing arrangement (16, 18). A supply system (26) comprises at least one first feed container (20.1) for coating material, which is connected via a first supply line (24.1) and a first material valve (32.1) to the dispensing arrangement (16, 18), and a second feed container (20.2) for coating material, which is connected via a second supply line (24.2) and a second material valve (32.2) to the dispensing arrangement (16, 18). Also provided is a cleaning system (52) having at least one first cleaning line (50.1), to which rinsing agent (84) can be fed via a first rinsing agent feed line (56.1), and a second cleaning line (50.2), to which rinsing agent (84) can be fed via a second rinsing agent feed line (56.2). The first cleaning line (50.1) is connected via a first cleaning valve (48.1) to the first supply line (24.1) and the second cleaning line (50.2) is connected via a second cleaning valve (48.2) to the second supply line (24.2). The first cleaning line (50.1) and the second cleaning line (50.2) are connected to each other via a connection line (78), connection points (80.1, 80.2), relative to the flow direction towards the dispensing arrangement (16, 18), being disposed in front of each cleaning valve (48.1, 48.2).

IPC 8 full level
B05B 5/04 (2006.01); **B05B 5/16** (2006.01); **B05B 12/14** (2006.01); **B05B 14/00** (2018.01); **B05B 15/02** (2006.01); **B05B 15/04** (2006.01); **B05B 15/55** (2018.01); **B05B 15/58** (2018.01)

CPC (source: CN EP US)
B05B 5/04 (2013.01 - CN EP US); **B05B 5/16** (2013.01 - CN EP US); **B05B 12/14** (2013.01 - EP US); **B05B 12/149** (2013.01 - CN EP US); **B05B 14/00** (2018.01 - EP US); **B05B 15/55** (2018.01 - EP US); **B05B 15/557** (2018.01 - EP US); **B05B 15/58** (2018.01 - EP US)

Citation (search report)
See references of WO 2016012100A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102014010864 A1 20160128; CN 106573266 A 20170419; CN 106573266 B 20190816; EP 3171983 A1 20170531; EP 3171983 B1 20181121; US 10625291 B2 20200421; US 2017216870 A1 20170803; WO 2016012100 A1 20160128

DOCDB simple family (application)
DE 102014010864 A 20140724; CN 201580040894 A 20150724; EP 15750241 A 20150724; EP 2015001530 W 20150724; US 201515328642 A 20150724