

Title (en)

INSTALLATION FOR PAINT SPRAYING, PARTICULARLY AN INSTALLATION FOR THE ELECTROSTATIC SPRAYING OF WATER PAINT

Publication

EP 0274322 B1 19900905 (FR)

Application

EP 87402906 A 19871218

Priority

FR 8700007 A 19870102

Abstract (en)

[origin: US4785760A] A sprayer installation suitable for spraying water-based paint includes a multi-axis robot carrying a sprayer. A conveyor carries objects to be sprayed past the robot. Respective circuits for distributing products to be sprayed comprise first connection devices at fixed locations within range of the robot. The robot carries a storage tank for the product to be sprayed at least during a spraying phase. This storage tank is connected to the sprayer to supply product to be sprayed to it. First complementary connection devices fitted to or communicating with the storage tank cooperate with the first connection devices of any selected distribution circuit.

IPC 1-7

B05B 5/025; **B05B 12/14**; **B05B 13/04**

IPC 8 full level

B05B 5/025 (2006.01); **B05B 5/16** (2006.01); **B05B 12/14** (2006.01); **B05B 13/04** (2006.01); **B05B 7/14** (2006.01)

CPC (source: EP KR US)

B05B 5/1625 (2013.01 - EP US); **B05B 5/1633** (2013.01 - EP US); **B05B 5/1675** (2013.01 - EP US); **B05B 12/14** (2013.01 - EP KR US); **B05B 13/0452** (2013.01 - EP US); **B05B 7/1404** (2013.01 - EP US)

Cited by

FR2919815A1; FR2797788A1; FR2803776A1; EP2810719B1; RU2641741C2; EP0455109A3; EP0792695A3; FR2703266A1; RU2656457C2; DE19649538A1; CN104602867A; DE19610588A1; DE19610588B4; EP0796664A3; WO2015071291A1; WO03066232A1; US6659374B1; WO2009022086A3; WO9422590A1; WO0115814A1; WO0151216A3; WO2007034058A1; WO9956887A1; WO9806503A1; FR2797787A1; WO2014037562A1; US9919330B2; WO0232585A1; FR2815555A1; EP1634651A1; WO2013004792A1; US10946404B2; WO2010067015A1; US8025026B2; US8584712B2; WO0151216A2; US6651902B2; FR2777482A1; WO9952644A1; WO2014173837A1; FR2813538A1; WO0220173A1; US6896010B2; WO0232586A1; FR2815554A1; WO0207899A1; US6391392B1; US6702893B2

Designated contracting state (EPC)

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DOCDB simple family (application)

EP 87402906 A 19871218; CA 555570 A 19871230; DE 3764791 T 19871218; ES 87402906 T 19871218; FR 8700007 A 19870102; JP 33035187 A 19871228; KR 870015544 A 19871231; US 13684487 A 19871222