

Title (en)

Method and device for paint supply in a coating device using a pig

Title (de)

Verfahren zur Farbversorgung eines Zerstäubers und Beschichtungsvorrichtung mittels eines Molches

Title (fr)

Procédé et appareil pour un système d'alimentation en peinture dans un appareil de revêtement avec un ramoneur

Publication

EP 1314480 B1 20040506 (DE)

Application

EP 02025207 A 20021111

Priority

DE 10157938 A 20011127

Abstract (en)

[origin: EP1314480A1] Following a coating step, a pig (33) is used to force out any coating material remaining in the paint inlet channel (14) from the end of the channel next to the control valve (16), in the direction of the opposite end of the channel. <??>The method is used to supply paint to a production line on which nebuliser devices working with different coloured paints are used to spray workpieces. An Independent claim is also included for the coating machine used in this method, comprising an inlet channel (14) for different colour paints, a preferably nozzle-type outlet channel, a control valve between the inlet and outlet channels, a pig station (32) at the valve end of the inlet channel, a pig station (30) at the opposite end of the inlet channel to the valve and a pig which can be moved along the inlet channel.

IPC 1-7

B05B 1/30

IPC 8 full level

B05B 1/30 (2006.01); **B05B 5/16** (2006.01); **B05B 12/00** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)

B05B 12/1481 (2013.01)

Cited by

CN107810067A; US11149897B2; EP1362642A1; EP1362641A1; WO2017001186A1; EP1584376A2; EP1360996A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1314480 A1 20030528; **EP 1314480 B1 20040506**; AT E265892 T1 20040515; DE 10157938 A1 20030605; DE 50200406 D1 20040609; ES 2217234 T3 20041101

DOCDB simple family (application)

EP 02025207 A 20021111; AT 02025207 T 20021111; DE 10157938 A 20011127; DE 50200406 T 20021111; ES 02025207 T 20021111