

Title (en)

Coating apparatus comprising a rotary spray device and method for controlling its operation

Title (de)

Beschichtungseinrichtung mit einem Rotationszerstäuber und Verfahren zum Steuern ihres Betriebes

Title (fr)

Dispositif de revêtement comprenant un pulvérisateur rotatif et son procédé de commande

Publication

EP 1393816 A1 20040303 (DE)

Application

EP 03004672 A 20030303

Priority

DE 10239517 A 20020828

Abstract (en)

The coating device which has an atomiser and drive turbine (101) includes a heating device (115) for heating the gas flowing through the atomiser or parts of the atomiser and/or coating machine which are in heat-conductive connection with the gas flowing through the atomiser. The heating device which warms up the air flowing into the atomiser can have a heat exchanger (116) through which air from the turbine motor can pass. Independent claim describes method for controlling operation of coating device where gas flowing through atomiser or parts of the atomiser are heated by a heater.

Abstract (de)

In einer Beschichtungseinrichtung mit einem Rotationszerstäuber ist zur Vermeidung der Kondensation der Sprühkabinenluft an durch die entspannte Abluft der Antriebsturbine (101) des Zerstäubers abgekühlten Bauteilen eine Heizeinrichtung (115) vorgesehen, mit der durch den Zerstäuber fließende Luft oder mit dem Ausgangsweg (113) der Turbinenabluft in wärmeleitender Verbindung stehende Bauteile erwärmt werden.
<IMAGE>

IPC 1-7

B05B 3/10

IPC 8 full level

B05B 3/10 (2006.01); **B05B 7/08** (2006.01); **B05B 7/16** (2006.01)

CPC (source: EP US)

B05B 3/001 (2013.01 - US); **B05B 3/1035** (2013.01 - US); **B05B 5/001** (2013.01 - EP); **B05B 5/0415** (2013.01 - EP); **B05B 3/1092** (2013.01 - US); **B05B 5/0426** (2013.01 - EP); **B05B 7/1613** (2013.01 - EP US)

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1393816 A1 20040303; **EP 1393816 B1 20070502**; AT E361149 T1 20070515; DE 10239517 A1 20040311; DE 50307160 D1 20070614; ES 2284997 T3 20071116; US 2004081769 A1 20040429; US 6972052 B2 20051206

DOCDB simple family (application)

EP 03004672 A 20030303; AT 03004672 T 20030303; DE 10239517 A 20020828; DE 50307160 T 20030303; ES 03004672 T 20030303; US 65030803 A 20030828