

Title (en)

Method and device for powder coating of a metal coil

Title (de)

Verfahren und Vorrichtung zum Pulverbeschichten eines Metallbandes

Title (fr)

Procédé et dispositif destinés au revêtement électrostatique par pulvérisation d'une bobine de métal

Publication

EP 1839759 A3 20081105 (DE)

Application

EP 07003461 A 20070220

Priority

DE 102006014397 A 20060329

Abstract (en)

[origin: EP1839759A2] The method involves dosing lacquer (P) applied on a metal band in a paint dosing system (2) according to a desired quantity of lacquer per time. The dosed lacquer is fed from the lacquer dosing system to an air jet system (3). The lacquer is applied from the air jet system to a metal band, where the air flow is adjusted independent of the quantity of the lacquer per time and is guided for application of the lacquer by the air jet system. An independent claim is also included for a device for coating powder lacquer on a metal band, comprising a powder dosing system.

IPC 8 full level

B05B 5/03 (2006.01); **B05B 5/14** (2006.01); **B05B 5/16** (2006.01); **B05B 12/00** (2006.01)

CPC (source: EP)

B05B 5/14 (2013.01); **B05B 5/032** (2013.01); **B05C 9/04** (2013.01); **B05D 1/06** (2013.01); **B05D 2202/00** (2013.01); **B05D 2252/10** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

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