

Title (en)

Equipment for electrostatic paint spraying.

Title (de)

Vorrichtung zur elektrostatischen Spritzlackierung.

Title (fr)

Installation de peinture par pulvérisation électrostatique.

Publication

EP 0114252 A1 19840801 (DE)

Application

EP 83111913 A 19831129

Priority

DE 3246574 A 19821216

Abstract (en)

[origin: US4534311A] Enameling of long, bar-shaped objects such as shaped sections for doors and/or windows made of plastic or of plastic coated metals shall be made possible in a simple manner without additional, time-consuming manual operations by means of an apparatus for electrostatically spray-enameling plastic parts in a spray booth while employing a conducting liquid which prior to the enameling process is deposited by spraying on the surfaces of the parts. To that end the invention provides at least one roller conveyor before and after the spray booth, at least one part of the conveyor rollers being driven and the conveyor rollers, which preferably are made of steel, simultaneously acting as current returns and being grounded.

Abstract (de)

In einer Vorrichtung zur elektrostatischen Spritzlackierung von Kunststoffteilen (2) in einer Spritzkabine (1), bei der vor dem Lackiervorgang Leitflüssigkeit auf die Oberflächen der langen stäbformigen Teile aufgesprüht wird, werden der Spritzkabine jeweils wenigstens ein Rollenförderer (9,10) vor- und nachgeschaltet, wobei wenigstens ein Teil der Förderrollen (34,39) angetrieben ist und wobei die vorzugsweise aus Stahl bestehenden Förderrollen gleichzeitig der Stromabfuhr dienen und geerdet sind.

IPC 1-7

B05B 5/08; **B05D 1/04**

IPC 8 full level

B05B 5/08 (2006.01); **B05B 5/14** (2006.01); **B05B 16/00** (2018.01); **B05D 1/04** (2006.01); **B05B 15/12** (2006.01)

CPC (source: EP US)

B05B 5/14 (2013.01 - EP US); **B05B 16/95** (2018.01 - EP US); **B05D 1/045** (2013.01 - EP US)

Citation (search report)

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