

Title (en)

METHOD FOR ELECTROSTATICALLY COATING OBJECTS AND APPLICATION DEVICE

Title (de)

VERFAHREN ZUM ELEKTROSTATISCHEN BESCHICHTEN VON GEGENSTÄNDEN SOWIE APPLIKATIONSVORRICHTUNG

Title (fr)

PROCÉDÉ POUR LE REVÊTEMENT ÉLECTROSTATIQUE D'OBJETS AINSI QUE LE DISPOSITIF D'APPLICATION

Publication

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Application

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Abstract (en)

[origin: WO2012062419A1] In a method for electrostatically coating objects, an electrical field is generated between an application device (34) and an object (50) to be coated. At least one corona electrode (42) associated with the application device (34) is connected to ground, and at least one counter electrode (60; 60, 64) associated with the object (50) is connected at least at intervals to a positive potential. In addition, the invention relates to a system for electrostatically coating objects, which comprises an application device (34) for coating material, and an electrical field device (42, 46, 60) having a high-voltage source (46), by means of which an electrical field can be generated between the application device (34) and an object (50) to be coated. The field device (42, 46, 60) comprises at least one corona electrode (42) associated with the application device (34), and at least one counter electrode (60; 60, 64) associated with the object (50), wherein, during the operation of the device (10), the at least one corona electrode (42) is connected to ground, and the at least one counter electrode (60; 60, 64) is connected at least at intervals to a positive potential.

IPC 8 full level

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