

Title (en)

METHOD AND APPARATUS FOR SURFACE COATING AND PRODUCT MANUFACTURED BY MEANS OF THE METHOD

Title (de)

VERFAHREN UND APPARAT FÜR OBERFLÄCHENBESCHICHTUNG UND PRODUKT HERGESTELLT NACH DISEM VERFAHREN

Title (fr)

PROCEDE ET APPAREIL D'ENDUCTION DE SURFACE ET PRODUIT FABRIQUE SELON CE PROCEDE

Publication

**EP 0782479 A1 19970709 (EN)**

Application

**EP 95933700 A 19950929**

Priority

- SE 9501108 W 19950929
- SE 9403317 A 19940930

Abstract (en)

[origin: WO9610458A1] Method and device for coating of objects by application of a powder with static electrical charge and of such a material, preferably plastic, that when heated it is melted together to form a homogenous layer. The object (1) exhibits an electrically non-conductive surface and is imparted a static electrical charge by being subjected to a direct current fed high voltage electrode (14). The charged object is separated from the charge influence from the electrode during application of the electrostatically charged powder, which has opposite polarity with regard to the charge of the object. During a subsequent heating, while the powder is retained on the surface of the object by electrostatic forces, the powder is transformed to solid state and anchored to the object.

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**B05B 5/053**

IPC 8 full level

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