

Title (en)

METHOD FOR THE ELECTROPHORETIC COATING OF WORKPIECES AND COATING INSTALLATION

Title (de)

VERFAHREN ZUR ELEKTROPHORETISCHEN BESCHICHTUNG VON WERKSTÜCKEN UND BESCHICHTUNGSANLAGE

Title (fr)

PROCÉDÉ DE REVÊTEMENT ÉLECTROPHORÉTIQUE DE PIÈCES À USINER ET INSTALLATION DE REVÊTEMENT

Publication

**EP 2064372 A2 20090603 (DE)**

Application

**EP 07786409 A 20070728**

Priority

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- DE 102006044050 A 20060920

Abstract (en)

[origin: WO2008034484A2] A method for the electrophoretic coating of workpieces with a coating medium, in particular lacquer, and a coating installation (10) are described. In the method, at least one workpiece is immersed in the coating medium. With a voltage source (20, 24a, 24b, 24c, 24d), a d.c. voltage is applied between the workpiece and at least one electrode (18) immersed in the coating medium. The d.c. voltage is increased continuously, in an essentially stepless manner, throughout virtually the entire coating operation in such a way that the coating current density on the surface of the workpiece remains essentially constant over time.

IPC 8 full level

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