

Title (en)  
MULTI-COAT PAINTING PROCESS

Title (de)  
VERFAHREN ZUR MEHRSCHICHTLACKIERUNG

Title (fr)  
PROCEDE DE PEINTURE MULTICOUCHE

Publication  
**EP 0828568 B1 19990203 (DE)**

Application  
**EP 96917417 A 19960524**

Priority  
• DE 19519667 A 19950530  
• EP 9602233 W 19960524

Abstract (en)  
[origin: WO9638234A1] A process for multi-coat painting in which a primer of an electrophoretically depositable aqueous coating agent (I) is electrophoretically applied to an electrically conductive substrate and then stoved, whereon a colouring and/or effect-producing paint undercoat made of an aqueous coating agent (II) is applied and stoved before it is coated with one or more clear lacquer topcoats, in which: a) the coating agent (I) used is one which provides an electrically conductive primer when stoved, b) the undercoat is provided by electrophoretic deposition from an electrophoretically depositable aqueous coating agent (II), c) the total dry coating thickness of the clear lacquer coat(s) is 40 to 80  $\mu\text{m}$ , and d) the total dry coating thickness of the multi-coat paint 80 to 110  $\mu\text{m}$ .

IPC 1-7  
**B05D 7/00**

IPC 8 full level  
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