

Title (en)  
PROCESS FOR PRODUCING SCRATCH RESISTANT COATINGS AND ITS USE, IN PARTICULAR FOR PRODUCING MULTILAYERED COATS OF ENAMEL

Title (de)  
VERFAHREN ZUR HERSTELLUNG KRATZFESTER BESCHICHTUNGEN, INSBESONDERE ZUR HERSTELLUNG VON MEHRSCHICHTLACKIERUNGEN

Title (fr)  
PROCEDE DE PRODUCTION D'ENDUITS RESISTANTS AUX EGRATIGNURES, EN PARTICULIER DES PEINTURES A PLUSIEURS COUCHES

Publication  
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Application  
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Priority

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Abstract (en)  
[origin: US6261645B1] The present invention relates to a process for producing scratch-resistant coatings which comprises applying a coating composition which in the cured state has a storage modulus E' in the rubber-elastic range of at least 107.6 Pa and a loss factor tan delta at 20° C. of not more than 0.10, the storage modulus E'0 and the loss factor having been measured by dynamic mechanical thermoanalysis on homogeneous free films having a film thickness of 40±10 µm. The present invention additionally relates to the use of the process for producing multicoat finishes and also to coating compositions suitable for this process.

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