

Title (en)

Process and apparatus for making a structured surface and manufactured object with structured surface

Title (de)

Verfahren zur Herstellung einer strukturierten Oberfläche und Platte mit einer strukturierten Oberfläche

Title (fr)

Procédé et appareil pour faire une surface structurée et objet manufacturé avec une surface structurée

Publication

EP 1645339 B1 20150708 (DE)

Application

EP 04028565 A 20041202

Priority

DE 102004049022 A 20041005

Abstract (en)

[origin: EP1645339A1] The surface of panels (2) are provided with a structured surface finish that is provided by applying a lacquered coating that can be profiled. The lacquer is applied by roller drums that are coated with a lacquer film as the panel pass along on a conveyor belt (4). The roller stations (6,8,18,20) have different surfaces to form the required finish.

IPC 8 full level

B05C 1/02 (2006.01); **B05D 5/06** (2006.01); **B05D 7/06** (2006.01); **B05C 1/08** (2006.01); **B05C 9/14** (2006.01); **B05D 1/28** (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP US)

B05C 1/025 (2013.01 - EP); **B05C 1/0865** (2013.01 - EP); **B05D 5/06** (2013.01 - EP US); **B05D 5/061** (2013.01 - EP); **B05D 7/06** (2013.01 - EP); **B05C 9/14** (2013.01 - EP); **B05D 1/28** (2013.01 - EP); **B05D 7/52** (2013.01 - EP); **B05D 7/544** (2013.01 - EP); **B05D 7/584** (2013.01 - EP); **B05D 2203/20** (2013.01 - EP); **B41J 3/4073** (2013.01 - EP US); **E04F 15/02** (2013.01 - EP)

Citation (opposition)

Opponent : Flooring Technologies Ltd.,

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 - US 5178928 A 19930112 - GOTO HIDEO [JP], et al
 - DE 2421794 A1 19750424 - RELIANCE UNIVERSAL
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 - DE 19502389 A1 19960801 - BAUSCH AG [DE]
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DOCDB simple family (application)

DE 202004018710 U 20041202; EP 04028565 A 20041202; EP 10158405 A 20041202; EP 2005010796 W 20051005; ES 04028565 T 20041202; ES 10158405 T 20041202; PL 04028565 T 20041202; PL 10158405 T 20041202; RU 2007116965 A 20051005