

Title (en)

METHOD OF MAKING A STRUCTURED SURFACE AND ARTICLE THEREFROM

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER STRUKTURIERTEN OBERFLÄCHE UND ARTIKEL DARAUS

Title (fr)

PROCÉDÉ DE RÉALISATION D'UNE SURFACE STRUCTURÉE ET ARTICLE RÉALISÉ À PARTIR DE CELLE-CI

Publication

EP 2582261 B1 20151021 (EN)

Application

EP 11744120 A 20110621

Priority

- US 201161497252 P 20110615
- US 81980810 A 20100621
- US 2011041197 W 20110621

Abstract (en)

[origin: WO2011163193A1] A method of making a structured surface is disclosed. The method includes providing a thermoplastic backing with multiple rows of upstanding elements. The upstanding elements include stems with proximal ends attached to the thermoplastic backing and distal caps, and each distal cap has an overhanging portion that extends beyond the stem in a first direction. For at least some of the multiple rows, an implement is passed between two adjacent rows, wherein the implement contacts the overhanging portion of at least some of the distal caps in the two adjacent rows such that at least part of the overhanging portion is turned in a second direction, different from the first direction. A structured surface that can be prepared by the method is also provided along with a fastening laminate that includes a carrier and the structured surface and an absorbent article that includes the fastening laminate. A tool useful for carrying out the method is also provided.

IPC 8 full level

A44B 18/00 (2006.01)

CPC (source: EP)

A44B 18/0065 (2013.01)

Citation (opposition)

Opponent : YKK Corporation

- US 5749129 A 19980512 - MURASAKI RYUICHI [JP], et al
- US 5845375 A 19981208 - MILLER PHILIP [US], et al
- WO 0015069 A1 20000323 - KIMBERLY CLARK CO [US]
- JP H11155612 A 19990615 - KAO CORP
- US 7727440 B2 20100601 - ARMELA LUIS PARELLADA [ES], et al

Cited by

EP4066677A1; WO2022208206A1

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