

Title (en)  
PATTERNED NONWOVEN MATERIAL

Title (de)  
STRUKTURIERTER VLIESTOFF

Title (fr)  
MATÉRIAU NON TISSÉ À MOTIF

Publication  
**EP 3387172 A1 20181017 (EN)**

Application  
**EP 15813731 A 20151208**

Priority  
EP 2015078983 W 20151208

Abstract (en)  
[origin: WO2017097341A1] Disclosed herein is a patterned hydroentangled nonwoven sheet material containing at least 25 wt.% of cellulosic pulp, in which a surface area of between 1 and 20 % of at least one surface has been imprinted to form a decorative or informative pattern discernible by visual and/or tactile differences between imprinted and non-imprinted areas. The patterned nonwoven sheet material can be produced by forming a fibrous web comprising thermoplastic fibres and cellulosic pulp, hydroentangling the fibrous web to form a nonwoven sheet material and drying, and then subjecting the dried nonwoven sheet material to an imprinting action provided by an energy transmitter, in particular using ultrasonic energy, on a patterned anvil at a temperature of less than 100°C to form a patterned nonwoven sheet material.

IPC 8 full level  
**D04H 1/425** (2012.01); **D04H 1/46** (2012.01)

CPC (source: EP RU US)  
**D04H 1/425** (2013.01 - EP RU US); **D04H 1/46** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017097341A1

Designated contracting state (EPC)  
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