

Title (en)  
A HYDROENTANGLED NONWOVEN MATERIAL AND A METHOD OF PRODUCING SUCH A MATERIAL

Title (de)  
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Title (fr)  
NON TISSE HYDROENCHEVETRE

Publication  
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Application  
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Abstract (en)  
[origin: WO2005042819A2] The invention teaches an improved hydroentangled well integrated composite nonwoven material, comprising a mixture of continuous filaments, synthetic staple fibres, and natural fibres which has a reduced twosidedness and an improved textile feeling. The synthetic staple fibres should have a length of 3 to 7 nm, and preferably there should be no thermal bondings between the filaments. The invention also teaches a method of producing such a nonwoven material. The nonwoven comprises a mixture of 10-50 w-% continuous filaments preferably chosen from polypropylene, polyesters and polylactides, 5-50 w-% synthetic staple fibres chosen from polyethylene, polypropylene, polyesters, polyamides, polylactides, rayon, and lyocell, and 20-85 w-% natural fibres, preferably pulp. The continuous filaments should preferably be spunlaid filaments. Some of the staple fibres and/or pulp can be coloured.

IPC 8 full level  
**D04H 1/4266** (2012.01); **D04H 1/45** (2006.01); **B32B 5/26** (2006.01); **D04H 1/70** (2012.01); **D04H 3/08** (2006.01); **D04H 3/105** (2012.01); **D04H 5/03** (2012.01); **D04H 13/00** (2006.01)

IPC 8 main group level  
**D04H** (2006.01)

CPC (source: CN EP)  
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