

Title (en)  
WATER-DISINTEGRABLE NONWOVEN FABRIC

Title (de)  
WASSERLÖSLICHES VLIESMATERIAL

Title (fr)  
TISSU NON-TISSÉ POUVANT SE DÉSINTÉGRER DANS L'EAU

Publication  
**EP 2395142 B1 20140910 (EN)**

Application  
**EP 10738551 A 20100203**

Priority  
• JP 2010051512 W 20100203  
• JP 2009026718 A 20090206

Abstract (en)  
[origin: EP2395142A1] The present invention provides a water-disintegrable nonwoven fabric having a high strength and flexibility. The water-disintegrable nonwoven fabric includes fibers mechanically entangled with one another and adapted to be disentangled from one another when it is stirred in water. 10 to 50% by mass of the fibers is made up of ultrafine thermoplastic synthetic fibers each having a fineness of 0.01 to 0.5dtex and a fiber length of 3 to 10mm. 90 to 50% by mass of the fibers is made up of at least one of chemical fibers each having a fineness of 1 to 2dtex and a fiber length of 5 to 20mm and pulp fibers having a freeness of 600 to 770cc.

IPC 8 full level  
**D04H 1/42** (2012.01); **D04H 1/425** (2012.01); **D04H 1/46** (2012.01); **D04H 1/492** (2012.01)

CPC (source: EP US)  
**D04H 1/46** (2013.01 - EP US); **Y10T 442/696** (2015.04 - EP US)

Cited by  
EP3643825A4; EP3382078A4; US11970789B2; US11142730B2; US11193097B2; US11925698B2; US11053466B2; US11859338B2; US10982176B2; US11753608B2; US12031254B2; US11878077B2; US10045915B2; US11505379B2; US11944693B2; US10646413B2; US10894005B2; US11944696B2

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DOCDB simple family (publication)  
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