

Title (en)
WATER-DISINTEGRABLE NONWOVEN FABRIC

Title (de)
WASSERLÖSLICHES VLIESMATERIAL

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

Publication
EP 2395142 A1 20111214 (EN)

Application
EP 10738551 A 20100203

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

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

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