

Title (en)  
NONWOVEN FABRIC

Title (de)  
VLIESSTOFF

Title (fr)  
TISSU NON TISSÉ

Publication  
**EP 2963168 A4 20160921 (EN)**

Application  
**EP 14757339 A 20140116**

Priority  
• JP 2013035766 A 20130226  
• JP 2014050632 W 20140116

Abstract (en)  
[origin: EP2963168A1] A nonwoven fabric suitable for human cleansing and cosmetic wiper application is provided. This nonwoven fabric exhibits high absorption, retention and release of liquid such as water and chemical solution, excellent bulkiness and softness with good texture and reduced skin irritation, and high wiping ability. The nonwoven fabric comprises 20 to 80% by weight of a polyester fiber having an oblate multilobal cross-section and 20 to 80% by weight of a cellulose fiber, and the polyester fiber has an oblate multilobal cross-section with an oblate cross-section having at least 6 lobes on its periphery. The polyester fiber has predetermined degree of oblateness and degree of irregularity.

IPC 8 full level  
**D04H 1/4391** (2012.01); **A45D 34/04** (2006.01); **D04H 1/425** (2012.01); **D04H 1/435** (2012.01)

CPC (source: EP US)  
**A45D 34/04** (2013.01 - EP US); **A47L 13/16** (2013.01 - US); **D04H 1/425** (2013.01 - EP US); **D04H 1/435** (2013.01 - EP US);  
**D04H 1/43828** (2020.05 - EP US); **D04H 1/43832** (2020.05 - EP US); **D04H 1/43835** (2020.05 - EP US); **D04H 1/43912** (2020.05 - EP US);  
**A45D 2200/1018** (2013.01 - EP US); **D10B 2201/20** (2013.01 - US); **D10B 2331/04** (2013.01 - US)

Citation (search report)  
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• [AD] JP 2009079320 A 20090416 - KURARAY KURAFLEX CO LTD  
• [A] US 2008196188 A1 20080821 - BRUNNER KONRAD [DE], et al  
• [A] JP 2005350777 A 20051222 - TORAY INDUSTRIES  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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JP 6107820 B2 20170405; JP WO2014132690 A1 20170202; KR 102093682 B1 20200326; KR 20150120964 A 20151028;  
US 2015359400 A1 20151217; WO 2014132690 A1 20140904

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