

Title (en)  
TUFTED POLYESTER NONWOVEN FABRIC AND METHOD FOR MANUFACTURING THE SAME

Title (de)  
GETUFTETER POLYESTER VLIESTOFF UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)  
TISSU NON TISSÉ TOUFFETÉ DE POLYESTER ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 2761070 A1 20140806 (EN)**

Application  
**EP 12834841 A 20120925**

Priority  
• KR 20110099700 A 20110930  
• KR 2012007690 W 20120925

Abstract (en)  
[origin: WO2013048077A1] Disclosed are a polyester nonwoven fabric which can be used as an useful primary backing substrate for a carpet since it exhibits good physical properties even after tufting process, and a method for manufacturing the same. The polyester nonwoven fabric of the present invention comprises an one-component filament and a sheath-core type filament both of which have a fineness of 4 to 10 denier. The one-component filament comprises a first polyester polymer having a melting point of 250°C or higher, the sheath-core type filament comprises the first polyester polymer of 70 to 95 wt% as a core component and a second polyester polymer of 5 to 30 wt% as a sheath component, and a melting point of the second polyester polymer is lower than the melting point of the first polyester polymer by 20°C or more.

IPC 8 full level  
**D04H 1/42** (2012.01); **D01D 5/34** (2006.01); **D01F 6/62** (2006.01); **D01F 8/14** (2006.01); **D04H 1/435** (2012.01); **D04H 1/56** (2006.01); **D04H 1/58** (2012.01); **D04H 3/011** (2012.01); **D04H 3/147** (2012.01)

CPC (source: EP KR US)  
**D01D 5/34** (2013.01 - EP KR US); **D01F 6/62** (2013.01 - EP KR US); **D01F 8/14** (2013.01 - EP US); **D04H 1/425** (2013.01 - KR US); **D04H 1/435** (2013.01 - EP US); **D04H 1/56** (2013.01 - KR US); **D04H 1/58** (2013.01 - US); **D04H 3/011** (2013.01 - EP US); **D04H 3/14** (2013.01 - KR); **D04H 3/147** (2013.01 - EP US); **Y10T 442/609** (2015.04 - EP US)

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

DOCDB simple family (publication)  
**WO 2013048077 A1 20130404**; EP 2761070 A1 20140806; EP 2761070 A4 20150527; EP 2761070 B1 20181107; KR 20130035414 A 20130409; US 2014154943 A1 20140605

DOCDB simple family (application)  
**KR 2012007690 W 20120925**; EP 12834841 A 20120925; KR 20110099700 A 20110930; US 201214232058 A 20120925