

Title (en)
SPUNBOND NONWOVEN FABRIC

Title (de)
SPINNVLIESTOFF

Title (fr)
TISSU NON-TISSÉ FILÉ-LIÉ

Publication
EP 3690096 B1 20211215 (EN)

Application
EP 18860745 A 20180927

Priority
• JP 2017188004 A 20170928
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Abstract (en)
[origin: EP3690096A1] Provided is a spunbond nonwoven fabric which is made of a polypropylene fiber and satisfies all of the following conditions A to E: A. the average single fiber diameter of the fiber is 6-17 μm ; B. the degree of crystal orientation of the fiber as obtained by wide-angle X-ray diffraction is at least 0.91; C. the crystallite size of the (110) plane of the fiber as obtained by wide angle X-ray diffraction is at least 12 nm; D. the average orientation parameter of the fiber as obtained by Raman spectroscopy is at least 8.0; and E. the complex viscosity of the spunbond nonwoven fabric at a temperature of 230°C is 20-100 Pa \cdot sec at an angular frequency of 6.3 rad/sec.

IPC 8 full level
D01F 6/06 (2006.01); **D01F 6/46** (2006.01); **D04H 3/007** (2012.01); **D04H 3/016** (2012.01); **D04H 3/14** (2012.01)

CPC (source: EP KR US)
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