

Title (en)
IMPROVED ABRASION RESISTANCE OF NONWOVENS

Title (de)
VERBESSERTE ABRIEBFESTIGKEIT VON VLIESSTOFFEN

Title (fr)
RESISTANCE A L'ABRASION AMELIOREE DE NON-TISSES

Publication
EP 1517788 A4 20070606 (EN)

Application
EP 03726879 A 20030515

Priority
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• US 38062402 P 20020515

Abstract (en)
[origin: WO03097353A1] An extruded web material comprises a conjugate fiber including first and second fiber portions. The first fiber portion extends substantially continuously along the length of the conjugate fiber and comprises a first thermoplastic polymeric material. The second fiber portion extends substantially continuously along the length of the conjugate fiber and defines at least a portion of a conjugate fiber exterior surface. The second fiber portion comprises a second thermoplastic polymeric material. At least one of the first fiber portion or the second fiber portion further comprises a thermoplastic adhesive component. The extruded web material is produced by spunbonding or meltblowing. The extruded web material can also be included in a composite article.

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B32B 27/12; D04H 1/58; D04H 13/00

IPC 8 full level
B32B 5/02 (2006.01); **B32B 27/12** (2006.01); **D04H 1/56** (2006.01)

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Citation (search report)
• [X] WO 9816672 A1 19980423 - CHISSO CORP [JP], et al
• [A] EP 0340763 A1 19891108 - DANAKLON AS [DK]
• [X] DATABASE WPI Derwent World Patents Index; AN 1993-172988, XP002430274, KOSHOJI T; SHIMIZU Y
• [X] DATABASE WPI Derwent World Patents Index; AN 1990-271616, XP002430275, ISODA H; SEKIDA E; TAGATA H
• See references of WO 03097353A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 03097353 A1 20031127; AU 2003229292 A1 20031202; EP 1517788 A1 20050330; EP 1517788 A4 20070606;
US 2006234588 A1 20061019

DOCDB simple family (application)
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