

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)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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WO 03097353 A1 20031127; AU 2003229292 A1 20031202; EP 1517788 A1 20050330; EP 1517788 A4 20070606; US 2006234588 A1 20061019

DOCDB simple family (application)
US 0315311 W 20030515; AU 2003229292 A 20030515; EP 03726879 A 20030515; US 51443305 A 20050707