

Title (en)
PULP-MODIFIED BICOMPONENT CONTINUOUS FILAMENT NONWOVEN WEBS

Title (de)
VLIESSTOFFBAHNEN AUS FASERSTOFF MODIFIZIERTEN ENDLOSEN BIKOMPONENTENFÄDEN

Title (fr)
TOILES NON TISSEES A FILAMENTS CONTINUS A DEUX COMPOSANTS MODIFIES AVEC DE LA PATE

Publication
EP 1141460 A1 20011010 (EN)

Application
EP 99972273 A 19991110

Priority
• US 9926526 W 19991110
• US 19173398 A 19981113

Abstract (en)
[origin: WO0029658A1] Absorbent nonwoven web composites exhibit a combination of excellent strength, softness and absorbency. The composites utilize a combination of substantially continuous bicomponent thermoplastic filaments, and pulp fibers. The substantially continuous bicomponent filaments distribute liquid insults and contribute durability and softness. The pulp fibers and, optionally, a superabsorbent, absorb and contain the liquid.

IPC 1-7
D04H 5/02; **D01F 8/06**; **D01F 8/12**; **D01F 8/14**; **D04H 1/42**; **D04H 3/10**; **D04H 1/46**; **D21H 15/06**; **D21H 15/10**

IPC 8 full level
D04H 5/00 (2012.01); **A41B 13/10** (2006.01); **A41B 17/00** (2006.01); **A41D 7/00** (2006.01); **A47K 10/02** (2006.01); **A61F 5/44** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/511** (2006.01); **A61F 13/53** (2006.01); **A61L 15/22** (2006.01); **D01D 5/30** (2006.01); **D01F 8/06** (2006.01); **D01F 8/12** (2006.01); **D01F 8/14** (2006.01); **D04H 1/26** (2012.01); **D04H 1/42** (2012.01); **D04H 3/10** (2012.01); **D04H 5/02** (2012.01); **D04H 5/03** (2012.01)

CPC (source: EP KR)
A61L 15/225 (2013.01 - EP); **D01D 5/30** (2013.01 - KR); **D01F 8/06** (2013.01 - EP KR); **D01F 8/12** (2013.01 - EP); **D01F 8/14** (2013.01 - EP); **D04H 1/26** (2013.01 - KR); **D04H 1/42** (2013.01 - EP); **D04H 3/11** (2013.01 - EP); **D04H 5/00** (2013.01 - KR); **D04H 5/02** (2013.01 - EP); **D04H 5/03** (2013.01 - EP); **A61F 13/531** (2013.01 - EP)

Citation (search report)
See references of WO 0029658A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 0029658 A1 20000525; AR 021138 A1 20020612; AU 1474400 A 20000605; AU 760457 B2 20030515; BR 9915271 A 20010807; CN 1192137 C 20050309; CN 1342230 A 20020327; CO 5100977 A1 20011127; EP 1141460 A1 20011010; JP 2002530540 A 20020917; KR 100655841 B1 20061212; KR 20010080424 A 20010822; RU 2208673 C2 20030720; TW 479087 B 20020311; ZA 200103576 B 20021104

DOCDB simple family (application)
US 9926526 W 19991110; AR P990105686 A 19991109; AU 1474400 A 19991110; BR 9915271 A 19991110; CN 99815541 A 19991110; CO 99071661 A 19991112; EP 99972273 A 19991110; JP 2000582633 A 19991110; KR 20017005976 A 20010511; RU 2001116102 A 19991110; TW 88119522 A 19991109; ZA 200103576 A 20010503