

Title (en)
Multi-axial press fabric

Title (de)
Multiaxiales Pressgewebe

Title (fr)
Tissu de presse multiaxial

Publication
EP 1067238 A3 20010502 (EN)

Application
EP 00850126 A 20000706

Priority
US 35071199 A 19990709

Abstract (en)
[origin: EP1067238A2] A multi-axial press fabric includes a base fabric and several layers of staple fiber material attached to the base fabric by needling. The base fabric has at least one layer assembled by spirally winding a woven fabric strip. The base fabric takes the form of an endless loop. The yarns of the woven fabric strip accordingly lie in directions different from the machine- and cross-machine directions of the base fabric, giving the base fabric multi-axial characteristics. Individual fibers in the several layers of staple fiber material attached to the base fabric are predominantly oriented at oblique angles relative to the machine direction of the press fabric. More specifically, they form a crisscrossed angular web. <IMAGE>

IPC 1-7
D21F 7/08

IPC 8 full level
D03D 3/04 (2006.01); **D04H 1/45** (2006.01); **D04H 5/08** (2006.01); **D21F 3/00** (2006.01); **D21F 3/02** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP KR)
D21F 3/00 (2013.01 - KR); **D21F 7/083** (2013.01 - EP)

Citation (search report)
• [DA] US 5360656 A 19941101 - REXFELT JAN [SE], et al
• [A] US 5202170 A 19930413 - HSU CHIEN-YEH [US], et al

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AU2004250134B2; AU2004250134C1; EP3235949A1; US10240293B2; US6989080B2; US9982390B2; US10011950B2; WO03102298A1; WO2004113609A1; WO0233170A1; US6998023B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1067238 A2 20010110; **EP 1067238 A3 20010502**; AU 5951799 A 20010111; BR 0007879 A 20020205; CA 2313625 A1 20010109; CN 1280226 A 20010117; ID 26470 A 20010111; JP 2001040594 A 20010213; KR 20010012065 A 20010215; NO 20003501 D0 20000707; NO 20003501 L 20010110; NZ 501159 A 20010126; ZA 997670 B 20000627

DOCDB simple family (application)
EP 00850126 A 20000706; AU 5951799 A 19991117; BR 0007879 A 20000413; CA 2313625 A 20000707; CN 99126486 A 19991223; ID 20000567 A 20000707; JP 2000203745 A 20000705; KR 19990065562 A 19991230; NO 20003501 A 20000707; NZ 50115999 A 19991117; ZA 997670 A 19991214