

Title (en)
COMPOSITE NONWOVEN FABRIC AND PROCESS FOR ITS MANUFACTURE

Title (de)
VERBUNDWERKSTOFFE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
TISSU COMPOSITE NON TISSE ET SON PROCEDE DE FABRICATION

Publication
EP 1261767 B1 20110928 (EN)

Application
EP 01900895 A 20010105

Priority
• US 0100320 W 20010105
• US 17475000 P 20000106

Abstract (en)
[origin: WO0149914A1] A composite nonwoven fabric manufactured by joining a fibrous web that comprises wood fibers, or a mixture of wood fibers and synthetic fibers, to a spunlaid or other nonwoven baseweb by means of a hydroentanglement process. The spunlaid nonwoven web, which may be made of a polyester such as a poly (ethylene terephthalate) or of a polyolefin such as polypropylene, is a less-than-fully bonded web, which may be produced by a method in which the thermal calendering is effected at lower than normal temperatures, in particular temperature lower than the melting point or softening point of the polymeric material from which the spunlaid nonwoven web is made. The strength of the composite fabric may be significantly greater than that of the spunlaid nonwoven web itself, in certain embodiments the base web contributes no more than about 45 % of the strength of the composite fabric.

IPC 8 full level
B32B 5/26 (2006.01); **D04H 13/00** (2006.01); **D04H 3/16** (2006.01); **D04H 5/03** (2012.01)

CPC (source: EP)
D04H 1/425 (2013.01); **D04H 1/492** (2013.01); **D04H 1/498** (2013.01); **D04H 3/14** (2013.01); **D04H 5/03** (2013.01)

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

DOCDB simple family (publication)
WO 0149914 A1 20010712; AT E526443 T1 20111015; EP 1261767 A1 20021204; EP 1261767 B1 20110928; ES 2374714 T3 20120221; JP 2003519298 A 20030617

DOCDB simple family (application)
US 0100320 W 20010105; AT 01900895 T 20010105; EP 01900895 A 20010105; ES 01900895 T 20010105; JP 2001550436 A 20010105