

Title (en)
FIBER BONDING

Title (de)
FASERVERFESTIGUNG

Title (fr)
LIAISON DE FIBRES

Publication
EP 1226296 B1 20030521 (EN)

Application
EP 00959086 A 20000831

Priority
• SE 0001670 W 20000831
• SE 9903075 A 19990901

Abstract (en)
[origin: WO0116417A1] The invention relates to a method of bonding polymer fibers into a nonwoven fabric and a nonwoven fabric manufactured with the aid thereof. According to the invention, the polymer fibers are subjected to hydroentangling, the polymer fibers at the moment of hydroentangling being imparted a temperature exceeding the glass transition temperature of the polymer fiber, but being less than its melting point.

IPC 1-7
D04H 1/46

IPC 8 full level
D04H 1/4291 (2012.01); **D04H 1/4334** (2012.01); **D04H 1/435** (2012.01); **D04H 1/492** (2012.01)

CPC (source: EP)
D04H 1/4291 (2013.01); **D04H 1/4334** (2013.01); **D04H 1/435** (2013.01); **D04H 1/492** (2013.01)

Cited by
US7779521B2

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)
WO 0116417 A1 20010308; AT E241027 T1 20030615; AU 7046900 A 20010326; BR 0013628 A 20020514; DE 60002910 D1 20030626; EP 1226296 A1 20020731; EP 1226296 B1 20030521; HU P0202760 A2 20080128; JP 2003508640 A 20030304; PL 353736 A1 20031201; SE 518438 C2 20021008; SE 9903075 D0 19990901; SE 9903075 L 20010302; TW 522188 B 20030301; ZA 200201194 B 20030430

DOCDB simple family (application)
SE 0001670 W 20000831; AT 00959086 T 20000831; AU 7046900 A 20000831; BR 0013628 A 20000831; DE 60002910 T 20000831; EP 00959086 A 20000831; HU P0202760 A 20000831; JP 2001519952 A 20000831; PL 35373600 A 20000831; SE 9903075 A 19990901; TW 89117937 A 20000901; ZA 200201194 A 20020212