

Title (en)
METHOD FOR PRODUCING A NONWOVEN MATERIAL, INSTALLATION THEREFOR AND RESULTING NONWOVEN

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES VLIESTOFFES, ANLAGE ZUR DURCHFÜHRUNG DIESES VERFAHREN, HERGESTELLTER VLIESTOFF

Title (fr)
PROCEDE POUR LA REALISATION D'UN MATERIAU NON TISSE, INSTALLATION POUR SA MISE EN OEUVRE ET NON TISSE AINSI OBTENU

Publication
EP 1192306 B1 20060816 (FR)

Application
EP 00931356 A 20000526

Priority
• FR 0001428 W 20000526
• FR 9907602 A 19990610

Abstract (en)
[origin: US2002157766A1] This invention concerns a method and an installation for producing a spunbonded fabric, characterized in that it consists in: producing a spunbonded lap (5) against the surface of which is delivered at least a web (V1 and/or V2) of discontinuous fibers, obtained by carding. The formed complex is compacted by pressing and is continuously transferred onto a line (10) for water jet binding treatment, driving the fibers in the direction of thickness, the fibers which are bound together like a splice between and around the continuous filaments while remaining visible at the surface. After drying, the final product is obtained.

IPC 8 full level
D04H 1/4258 (2012.01); **D04H 1/4374** (2012.01); **D04H 1/492** (2012.01); **D04H 1/498** (2012.01); **D04H 1/74** (2006.01); **D04H 3/007** (2012.01); **D04H 3/11** (2012.01); **D04H 3/16** (2006.01); **D04H 5/02** (2012.01); **D04H 5/03** (2012.01); **D04H 5/08** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP US)
D04H 1/4258 (2013.01 - EP US); **D04H 1/4374** (2013.01 - EP US); **D04H 1/492** (2013.01 - EP US); **D04H 1/498** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP US); **D04H 3/007** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US); **D04H 5/02** (2013.01 - EP US); **D04H 5/03** (2013.01 - EP US); **D04H 5/08** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **D04H 18/04** (2013.01 - EP US)

Cited by
EP2116645A1; WO2016096883A1

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)
US 2002157766 A1 20021031; AT E336611 T1 20060915; AU 4932000 A 20010102; CN 1355864 A 20020626; DE 60030120 D1 20060928; DE 60030120 T2 20070215; DK 1192306 T3 20061211; EP 1192306 A1 20020403; EP 1192306 B1 20060816; ES 2270833 T3 20070416; FR 2794776 A1 20001215; FR 2794776 B1 20011005; IL 146867 A0 20020814; JP 2003502515 A 20030121; JP 4546010 B2 20100915; PL 352192 A1 20030811; TR 200103471 T2 20020722; WO 0077286 A1 20001221

DOCDB simple family (application)
US 99706901 A 20011129; AT 00931356 T 20000526; AU 4932000 A 20000526; CN 00808757 A 20000526; DE 60030120 T 20000526; DK 00931356 T 20000526; EP 00931356 A 20000526; ES 00931356 T 20000526; FR 0001428 W 20000526; FR 9907602 A 19990610; IL 14686700 A 20000526; JP 2001503723 A 20000526; PL 35219200 A 20000526; TR 200103471 T 20000526