

Title (en)
A METHOD FOR FORMING A LAMINATE WEB

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER MEHRSCICHTBAHN

Title (fr)
PROCEDE DE FABRICATION D'UNE BANDE LAMINEE

Publication
EP 0942827 A1 19990922 (EN)

Application
EP 97951677 A 19971205

Priority
• US 9722947 W 19971205
• US 76190596 A 19961209

Abstract (en)
[origin: WO9825759A1] The present invention pertains, in a preferred embodiment, to a method for forming a laminate web. The method includes the steps of: providing a nonwoven web (22) of fibers exhibiting a surface energy, the nonwoven web (22) having a first surface, a second surface, and a plurality of fluid passageways placing the first and second surfaces in fluid communication with one another; applying a surface treatment (28) to the first surface of the nonwoven web, the surface treatment (28) having a surface energy less than the surface energy of the fibers of the nonwoven web providing an apertured macroscopically expanded three-dimensional polymeric web (200); and joining the nonwoven web of fibers to the apertured macroscopically expanded three-dimensional web (200) to form a laminate web. The laminate web is particularly well suited for use as a topsheet on a disposable absorbent article.

IPC 1-7
B32B 5/28; **B32B 33/00**; **B32B 31/00**; **D04H 13/00**; **A61F 13/15**

IPC 8 full level
A61F 13/511 (2006.01); **A61F 13/15** (2006.01); **A61F 13/472** (2006.01); **A61F 13/49** (2006.01); **B32B 5/24** (2006.01); **B32B 5/28** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP KR US)
A61F 13/511 (2013.01 - EP); **B32B 3/12** (2013.01 - US); **B32B 3/266** (2013.01 - EP US); **B32B 3/28** (2013.01 - EP US); **B32B 5/022** (2013.01 - EP US); **B32B 5/08** (2013.01 - EP US); **B32B 5/22** (2013.01 - EP US); **B32B 5/26** (2013.01 - EP US); **B32B 5/28** (2013.01 - KR); **B32B 7/14** (2013.01 - EP US); **B32B 27/12** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP); **B32B 27/34** (2013.01 - EP); **B32B 27/36** (2013.01 - EP); **D04H 1/492** (2013.01 - EP); **D04H 1/495** (2013.01 - EP); **B32B 2255/02** (2013.01 - EP); **B32B 2255/26** (2013.01 - EP); **B32B 2262/0253** (2013.01 - EP); **B32B 2262/0276** (2013.01 - EP); **B32B 2262/06** (2013.01 - EP); **B32B 2262/12** (2013.01 - EP); **B32B 2262/14** (2013.01 - EP); **B32B 2270/00** (2013.01 - EP); **B32B 2307/51** (2013.01 - EP); **B32B 2307/726** (2013.01 - EP US); **B32B 2307/7265** (2013.01 - EP); **B32B 2307/728** (2013.01 - EP); **B32B 2307/73** (2013.01 - EP); **B32B 2432/00** (2013.01 - US); **B32B 2555/02** (2013.01 - US)

Citation (search report)
See references of WO 9825759A1

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

DOCDB simple family (publication)
WO 9825759 A1 19980618; AU 5525398 A 19980703; AU 734534 B2 20010614; BR 9713693 A 20000502; CA 2274692 A1 19980618; CA 2274692 C 20031028; EP 0942827 A1 19990922; JP 2000505747 A 20000516; JP 3181924 B2 20010703; KR 100317400 B1 20011222; KR 20000069366 A 20001125

DOCDB simple family (application)
US 9722947 W 19971205; AU 5525398 A 19971205; BR 9713693 A 19971205; CA 2274692 A 19971205; EP 97951677 A 19971205; JP 52701298 A 19971205; KR 19997005083 A 19990608