

Title (en)
ULTRALIGHT, CONVERTING FRIENDLY, NONWOVEN FABRIC

Title (de)
ULTRALEICHTER VERARBEITBARER VLIESSTOFF

Title (fr)
TEXTILE NON TISSE ULTRA LEGER, A TRANSFORMATION CONVIVIALE

Publication
EP 1042549 A1 20001011 (EN)

Application
EP 98964030 A 19981218

Priority

- US 9826843 W 19981218
- US 99487097 A 19971219

Abstract (en)
[origin: WO9932699A1] An ultralight nonwoven material useful as a facing fabric for forming various personal care products includes a nonwoven web having a fibrous structure of individual fibers or filaments and a basis weight of less than 0.40 ounces per square yard. A pattern of bonded areas is formed on the surface of the web, which has a dimensional stability characterized by a factor calculated by multiplying the nonwoven web's Poisson Ratio at 10 % elongation in the machine direction by the nonwoven web's basis weight, wherein said factor is equal to or less than 1.20 osy.PR. The bonded areas may be continuous or discontinuous.

IPC 1-7
D04H 1/54; **A61F 13/15**; **D04H 13/00**

IPC 8 full level
D04H 1/54 (2012.01); **A61F 5/44** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/511** (2006.01); **D04H 1/4291** (2012.01); **D04H 1/541** (2012.01); **D04H 3/16** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP KR)
A61F 13/15203 (2013.01 - EP KR); **A61F 13/15699** (2013.01 - EP KR); **A61F 13/51121** (2013.01 - EP KR); **A61F 13/513** (2013.01 - EP KR); **D04H 1/4291** (2013.01 - KR); **D04H 1/541** (2013.01 - KR); **D04H 1/544** (2013.01 - EP KR); **D04H 1/56** (2013.01 - EP KR); **D04H 3/14** (2013.01 - EP KR); **A61F 2013/15406** (2013.01 - EP KR)

Citation (search report)
See references of WO 9932699A1

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US 9826843 W 19981218; AR P980106528 A 19981218; AU 1923899 A 19981218; BR 9813750 A 19981218; CN 98813731 A 19981218; EP 98964030 A 19981218; ID 20001187 A 19981218; JP 2000525611 A 19981218; KR 20007006779 A 20000619; PL 34130598 A 19981218; RU 2000119111 A 19981218; TR 200002121 T 19981218; ZA 9811451 A 19981214