

Title (en)  
ADHESIVELY-REINFORCED, ORIENTED, LOW GAUGE, BREATHABLE FILM

Title (de)  
KLEBSTOFFVERSTÄRKTER ORIENTIERTER ATMUNGSFÄHIGER FILM GERINGERER DICKE

Title (fr)  
FILM RESPIRANT ORIENTE DE FAIBLE EPAISSEUR ET RENFORCE PAR DES ADHESIFS

Publication  
**EP 0912787 A1 19990506 (EN)**

Application  
**EP 97933519 A 19970709**

Priority  
• US 9712452 W 19970709  
• US 2173296 P 19960715  
• US 88209197 A 19970625

Abstract (en)  
[origin: WO9802609A1] The present invention is directed to an adhesively-reinforced, uniaxially oriented, low gauge (stretch-thinned) breathable film onto which a pattern or network of adhesive areas is applied to improve durability and strength of the film. The present invention has applicability in a wide variety of areas where strength, comfort, liquid impermeability and breathability are needed or desired, including without limitation, personal care absorbent articles.

IPC 1-7  
**D04H 13/00**; **A41D 31/02**; **A61F 13/00**; **B32B 27/12**

IPC 8 full level  
**A61F 5/44** (2006.01); **A61F 13/00** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/514** (2006.01); **B32B 27/12** (2006.01); **B32B 27/20** (2006.01); **B32B 27/32** (2006.01); **C08J 7/04** (2006.01); **D04H 1/58** (2006.01)

CPC (source: EP KR US)  
**A61F 13/02** (2013.01 - US); **A61F 13/51401** (2013.01 - EP); **A61F 13/51462** (2013.01 - EP); **B32B 27/12** (2013.01 - KR); **B32B 27/20** (2013.01 - EP); **D04H 1/58** (2013.01 - EP); **A61F 2013/15284** (2013.01 - EP); **A61F 2013/15544** (2013.01 - EP)

Citation (search report)  
See references of WO 9802609A1

Designated contracting state (EPC)  
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**WO 9802609 A1 19980122**; AU 3668697 A 19980209; BR 9710480 A 20020312; CA 2260793 A1 19980122; CN 1230234 A 19990929; EP 0912787 A1 19990506; JP 2002515926 A 20020528; KR 20000023817 A 20000425; PE 96098 A1 19990111; PL 331172 A1 19990621

DOCDB simple family (application)  
**US 9712452 W 19970709**; AU 3668697 A 19970709; BR 9710480 A 19970709; CA 2260793 A 19970709; CN 97197943 A 19970709; EP 97933519 A 19970709; JP 50628298 A 19970709; KR 19997000303 A 19990115; PE 00061997 A 19970714; PL 33117297 A 19970709