

Title (en)  
ABSORBENT FOOTWEAR MATERIAL

Title (de)  
ABSORBIERENDES MATERIAL FÜR SCHUHWERK

Title (fr)  
MATERIAU ABSORBANT POUR CHAUSSURE

Publication  
**EP 0902730 A1 19990324 (EN)**

Application  
**EP 97928026 A 19970530**

Priority  
• US 9710216 W 19970530  
• US 1889896 P 19960530

Abstract (en)  
[origin: WO9745206A1] An open cell polyurethane, non-swelling foam impregnated or coated into a non-woven fabric, comprising super absorbent ingredient particles. The disclosed material is a super absorbent, fluid locking, moldable footwear product that takes body fluids away from the surface, and gels or locks the fluids in place even while under pressure. The material is breathable and releases fluids through evaporation.

IPC 1-7  
**B05D 1/12**

IPC 8 full level  
**C08L 33/00** (2006.01); **C08G 18/65** (2006.01); **C08L 75/04** (2006.01); **D04H 1/46** (2012.01); **D04H 1/68** (2012.01); **D06M 15/263** (2006.01); **D06M 15/568** (2006.01); **D06M 23/04** (2006.01); **D06M 23/08** (2006.01); **D06N 3/14** (2006.01)

CPC (source: EP)  
**D04H 1/46** (2013.01); **D04H 1/68** (2013.01); **D06M 15/263** (2013.01); **D06M 15/568** (2013.01); **D06M 23/04** (2013.01); **D06M 23/08** (2013.01); **D06N 3/14** (2013.01); **D06N 3/144** (2013.01)

Citation (search report)  
See references of WO 9745206A1

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

DOCDB simple family (publication)  
**WO 9745206 A1 19971204**; AU 3234397 A 19980105; CA 2257170 A1 19971204; EP 0902730 A1 19990324; JP 2000511952 A 20000912

DOCDB simple family (application)  
**US 9710216 W 19970530**; AU 3234397 A 19970530; CA 2257170 A 19970530; EP 97928026 A 19970530; JP 54309397 A 19970530