

Title (en)
WATERPROOF, BREATHABLE ARTICLES OF APPAREL

Title (de)
WASSERDICHT E ATMUNGS AKTIVE BEKLEIDUNG

Title (fr)
ARTICLES VESTIMENTAIRES RESPIRABLES ET IMPERMEABLES A L'EAU

Publication
EP 0936883 A1 19990825 (EN)

Application
EP 96938702 A 19961101

Priority
US 9617467 W 19961101

Abstract (en)
[origin: CA2270403A1] Articles of clothing and method of making the same which allow water vapor due to perspiration to transpire through the article but will prevent liquid water from external sources from reaching the wearer's foot. The articles made by this method of the invention include socks and gloves which are of three-ply construction with the inside (20) and outside (22) plies being knit and the intermediate ply (12) being made from an elastomeric polyurethane film. The three plies (12, 20, 22) are uniquely bonded together using a pliant, waterproof adhesive.

IPC 1-7
A41D 19/02

IPC 8 full level
A41B 11/00 (2006.01); **A41D 19/00** (2006.01); **A41D 19/02** (2006.01); **A41D 19/04** (2006.01); **A41D 27/00** (2006.01); **A41D 31/02** (2006.01); **A43B 17/10** (2006.01); **D06M 11/05** (2006.01)

Cited by
US9127382B2; WO2013003764A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
AT E233056 T1 20030315; AU 7601596 A 19980529; CA 2270403 A1 19980514; CA 2270403 C 20051227; DE 69626426 D1 20030403; DE 69626426 T2 20040108; DE 69626426 T4 20040708; EP 0936883 A1 19990825; EP 0936883 A4 20000223; EP 0936883 B1 20030226; JP 2001503483 A 20010313

DOCDB simple family (application)
AT 96938702 T 19961101; AU 7601596 A 19961101; CA 2270403 A 19961101; DE 69626426 A 19961101; DE 69626426 T 19961101; EP 96938702 A 19961101; JP 52131498 A 19961101