

Title (en)
MANUFACTURING OF A LINING FOR USE IN THE FOOTWEAR INDUSTRY

Title (de)
HERSTELLUNG EINES INNENFUTTERS FÜR DIE SCHUHINDUSTRIE

Title (fr)
FABRICATION D'UNE DOUBLURE INTERIEURE POUR L'INDUSTRIE DE LA CHAUSSURE

Publication
EP 1237433 B1 20040728 (DE)

Application
EP 00969441 A 20001006

Priority
• DE 19960063 A 19991213
• EP 0009805 W 20001006

Abstract (en)
[origin: WO0143575A1] The invention relates to a lining for use in the footwear industry, consisting of a non-woven fabric with surface weights of between 80 and 170 g/m² and a resistance to crack propagation both in the longitudinal and in the transverse direction > 7 N. The non-woven fabric consists of multi-component continuous filaments which are extruded, aerodynamically drawn and immediately arranged in a web and which have a filament grade of between 1.5 and 5 dtex. At least 80 % of the multi-component continuous filaments after being pre-bonded, are optionally split and bonded into micro continuous filaments with a filament grade of between 0.1 and 0.8 dtex.

IPC 1-7
A43B 23/07; **D04H 3/10**

IPC 8 full level
A43B 23/07 (2006.01); **D04H 3/009** (2012.01); **D04H 3/011** (2012.01); **D04H 3/016** (2012.01); **D04H 3/10** (2006.01); **D04H 3/11** (2012.01)

CPC (source: EP)
A43B 23/07 (2013.01); **D04H 3/009** (2013.01); **D04H 3/011** (2013.01); **D04H 3/016** (2013.01); **D04H 3/11** (2013.01)

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

DOCDB simple family (publication)
WO 0143575 A1 20010621; AT E271794 T1 20040815; AU 7915500 A 20010625; BG 106820 A 20030131; BR 0016318 A 20020820; CA 2394700 A1 20010621; CN 1391447 A 20030115; CN 1803042 A 20060719; CZ 20021937 A3 20020814; DE 19960063 A1 20010628; DE 19960063 C2 20020314; DE 50007231 D1 20040902; EP 1237433 A1 20020911; EP 1237433 B1 20040728; ES 2225234 T3 20050316; HR P20020368 A2 20040229; HU P0203530 A2 20080128; JP 2003518965 A 20030617; KR 20020070315 A 20020905; MA 25689 A1 20030401; MX PA02004804 A 20031014; PL 356845 A1 20040712; RU 2002119057 A 20040110; SK 8282002 A3 20021106; TR 200201541 T2 20021021; YU 34502 A 20041231; ZA 200204509 B 20040128

DOCDB simple family (application)
EP 0009805 W 20001006; AT 00969441 T 20001006; AU 7915500 A 20001006; BG 10682002 A 20020613; BR 0016318 A 20001006; CA 2394700 A 20001006; CN 00816037 A 20001006; CN 200510092069 A 20001006; CZ 20021937 A 20001006; DE 19960063 A 19991213; DE 50007231 T 20001006; EP 00969441 A 20001006; ES 00969441 T 20001006; HR P20020368 A 20020426; HU P0203530 A 20001006; JP 2001544522 A 20001006; KR 20027007381 A 20020610; MA 26623 A 20020502; MX PA02004804 A 20001006; PL 35684500 A 20001006; RU 2002119057 A 20001006; SK 8282002 A 20001006; TR 200201541 T 20001006; YU P34502 A 20001006; ZA 200204509 A 20020605