

Title (en)  
FOOTWEAR WITH ARCH STRAPPING SYSTEM

Title (de)  
SCHUHWERK MIT MITTELFUSSRIEMENSYSYSTEM

Title (fr)  
CHAUSSURE ET SYSTEME A LANIERE PASSANT LA VOUTE PLANTAIRE

Publication  
**EP 1109467 B1 20021127 (EN)**

Application  
**EP 99945494 A 19990903**

Priority  
• US 9920297 W 19990903  
• US 14830698 A 19980904  
• US 19697798 A 19981120

Abstract (en)  
[origin: WO0013537A2] A strapping system for footwear comprises a strap (1) that has a first end (3) connected to a first side of a heel portion (12) of footwear, passes over the instep of a foot, through a channel (31) extending through the midfoot of the footwear sole and back over the foot instep to thereby forming an X shape over the wearer's foot. The strap (1) has a second end (11) which may be adjustably connected to the second side of a heel portion (12) of a sole. The channel (31) is resilient and rigid so as to allow the strap freedom of movement during use; thereby achieving a dynamic and self adjusting strap fit. A footwear sole comprises relatively soft forefoot and heel portions with a more rigid shank portion therebetween to provide the sole with stiffness and torsional rigidity.

IPC 1-7  
**A43B 3/12; A43B 13/12**

IPC 8 full level  
**A43B 3/12** (2006.01)

CPC (source: EP)  
**A43B 3/0052** (2013.01); **A43B 3/12** (2013.01); **A43B 3/122** (2013.01); **A43B 3/126** (2013.01); **A43B 3/128** (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 0013537 A2 20000316; WO 0013537 A3 20000720; WO 0013537 A9 20000824**; AT E228318 T1 20021215; AU 5808499 A 20000327; AU 763736 B2 20030731; CN 1168403 C 20040929; CN 1406115 A 20030326; DE 69904205 D1 20030109; DE 69904205 T2 20031211; EP 1109467 A2 20010627; EP 1109467 B1 20021127; HK 1054492 A1 20031205; MX PA01002347 A 20020508

DOCDB simple family (application)  
**US 9920297 W 19990903**; AT 99945494 T 19990903; AU 5808499 A 19990903; CN 99810533 A 19990903; DE 69904205 T 19990903; EP 99945494 A 19990903; HK 03106896 A 20030925; MX PA01002347 A 19990903