

Title (en)  
Sole for shoes

Title (de)  
Schuhsohle

Title (fr)  
Semelle pour chaussures

Publication  
**EP 0919150 A3 20020731 (EN)**

Application  
**EP 98113295 A 19980716**

Priority  
IT MI972624 A 19971126

Abstract (en)  
[origin: EP0919150A2] A sole unit for shoes includes a tread (3) rigidly associated with a mid-sole (5) which is made of a vapor-permeable material, while the tread is made of an anti-skid material, such as rubber. The tread has a centrally located opening (7) and is associated with the mid-sole so as to leave at least one region (9) of the mid-sole portion exposed. <IMAGE>

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

IPC 8 full level  
**A43B 13/14** (2006.01); **A43B 13/22** (2006.01)

CPC (source: EP)  
**A43B 13/14** (2013.01); **A43B 13/223** (2013.01)

Citation (search report)  
• [X] CH 338117 A 19590430 - PNEUMATIQUES CAOUTCHOUC MFG [FR]  
• [X] WO 9728711 A1 19970814 - GORE W L & ASS GMBH [DE], et al  
• [E] WO 9851177 A2 19981119 - NOTTINGTON HOLDING BV [NL], et al  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10 31 October 1997 (1997-10-31)

Cited by  
US9687043B2; WO2014130835A1

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)  
**EP 0919150 A2 19990602**; **EP 0919150 A3 20020731**; IT 1296570 B1 19990714; IT MI972624 A1 19990526

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