

Title (en)  
ELASTOMER MIDSOLE SHOE STRUCTURE

Title (de)  
ELASTOMERE ZWISCHENSOHLENSTRUKTUR

Title (fr)  
STRUCTURE DE SEMELLE D'USURE EN ELASTOMERE

Publication  
**EP 0741529 A1 19961113 (EN)**

Application  
**EP 95907374 A 19950110**

Priority  
• US 9500334 W 19950110  
• US 18703094 A 19940127

Abstract (en)  
[origin: WO9520333A1] A midsole (20) for an athletic shoe having a first generally flat layer (32) and a second generally flat layer (36) separated by cylindrical springs (34) formed of an elastomer having a ratio of plastic strain that is greater than 1.5 to 1, the molecular structure of the midsole being oriented as a result of compression of the material.

IPC 1-7  
**A43B 13/18**; **A43B 13/12**

IPC 8 full level  
**A43B 13/18** (2006.01); **A43B 13/20** (2006.01)

CPC (source: EP)  
**A43B 13/181** (2013.01); **A43B 13/206** (2013.01)

Cited by  
DE102005006267B3; DE102006015649A1; DE102006015649B4; DE10234913A1; DE10234913B4; USD1030260S; USD974005S; USD975969S; USD975970S; USD980609S; EP1386553A1; EP1847193A1; US10206451B2; US11291266B2; EP2308334A1; EP2319342A1

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

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**WO 9520333 A1 19950803**; AT E206885 T1 20011115; AU 1562795 A 19950815; DE 69523288 D1 20011122; DE 69523288 T2 20020718; EP 0741529 A1 19961113; EP 0741529 A4 19980211; EP 0741529 B1 20011017; EP 0877177 A2 19981111; EP 0877177 A3 19990210

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