

Title (en)

Elastomer midsole shoe structure

Title (de)

Elastomere Zwischensohlenstruktur

Title (fr)

Structure de semelle d'usure en élastomère

Publication

**EP 0877177 A2 19981111 (EN)**

Application

**EP 98111671 A 19950110**

Priority

- EP 95907374 A 19950110
- US 18703094 A 19940127

Abstract (en)

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. <IMAGE>

IPC 1-7

**F16F 1/36**; **F16F 1/377**

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

CN106377010A; US6920705B2; WO2008070483A3; US6722058B2; US6931765B2; WO2008070483A2; US8176657B2

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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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