

Title (en)  
INSERT FOR SHOES

Publication  
**EP 0081070 B2 19920102 (DE)**

Application  
**EP 82109486 A 19821014**

Priority  
DE 3148712 A 19811209

Abstract (en)  
[origin: ES269003U] A shoe insert of a cross-linked polyolefin body foamed with closed pores or cells and having a fiber layer arranged on one or both surfaces, the fiber layer consisting of fibers and/or filaments which are distributed over the surfaces in a pattern and which at least partially penetrate the polyolefin body.

IPC 1-7  
**A43B 17/14**

IPC 8 full level  
**A43B 17/14** (2006.01)

CPC (source: EP US)  
**A43B 17/14** (2013.01 - EP US)

Cited by  
DE102004030914A1; EP1649771A1; DE8815970U1; DE3802035A1; EP0414634A3; US5392533A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0081070 A2 19830615; EP 0081070 A3 19851211; EP 0081070 B1 19870603; EP 0081070 B2 19920102**; AT E27535 T1 19870615; AU 8577082 A 19830616; BR 8205623 A 19830830; DE 3148712 A1 19830623; DE 3148712 C2 19920206; DE 3276466 D1 19870709; ES 269003 U 19830616; FI 74600 B 19871130; FI 74600 C 19880310; FI 822070 A0 19820610; FI 822070 L 19830610; JP S5899901 A 19830614; NO 821961 L 19830610; US 4464850 A 19840814; ZA 829074 B 19830928

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**EP 82109486 A 19821014**; AT 82109486 T 19821014; AU 8577082 A 19820709; BR 8205623 A 19820927; DE 3148712 A 19811209; DE 3276466 T 19821014; ES 269003 U 19821206; FI 822070 A 19820610; JP 17248882 A 19820930; NO 821961 A 19820611; US 39631482 A 19820708; ZA 829074 A 19821209