

Title (en)
INSERT FOR SHOES

Publication
EP 0081070 A3 19851211 (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)

Citation (search report)
• [Y] DE 8108693 U1 19810903
• [Y] US 3122141 A 19640225 - CROWE JR GEORGE A
• [Y] US 4192086 A 19800311 - SICHAK STEPHEN [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