

Title (en)
Security-shoe

Title (de)
Sicherheitsschuh

Title (fr)
Chaussure de sécurité

Publication
EP 0812551 A3 19990120 (DE)

Application
EP 97105018 A 19970325

Priority
DE 19623361 A 19960612

Abstract (en)
[origin: DE19623361C1] The rear end of the metal toe-cap (2) fixed to the flexible sole (1) is delimited by a bottom surface (3) touching the sole at an acute angle of between 30 and 60 degrees. The rear end of the toe-cap is delimited by a top surface (4) next to the bottom surface and including a right angle with the sole. The back of the toe cap is delimited in at least one part by a convex surface. The bottom and top surfaces lead into one another by a rounded part.

IPC 1-7
A43B 23/10; **A43B 7/32**

IPC 8 full level
A43B 7/32 (2006.01); **A43B 23/08** (2006.01)

CPC (source: EP)
A43B 7/32 (2013.01); **A43B 23/082** (2013.01)

Citation (search report)

- [X] DE 1154016 B 19630905 - SCHABSKY ATLAS SCHUHFAB
- [A] US 4908963 A 19900320 - KRAJCIR DEZIDER [CA], et al
- [A] US 5457898 A 19951017 - FORTIN GILLES [CA], et al

Cited by
US7062868B2; WO03037127A1

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

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DE 19623361 C1 19970911; EP 0812551 A2 19971217; EP 0812551 A3 19990120; NO 971923 D0 19970425; NO 971923 L 19971215

DOCDB simple family (application)
DE 19623361 A 19960612; EP 97105018 A 19970325; NO 971923 A 19970425