

Publication

EP 0572393 A4 19940209 (EN)

Application

EP 91907458 A 19910402

Priority

- AU 7128091 A 19910221
- AU 9100122 W 19910402

Abstract (en)

[origin: WO9214372A1] The present invention is, in one embodiment, directed to protective boots including a flexible outer sole (10) including an abrasion-resistant outer surface (11) and an inner cellular sole core (12). The outer sole (10) is provided with transverse ridges (13) and transverse depressions (14), including a relatively large transverse depression (15) and a relatively broad transverse ridge at (16). The undersurface of the outer sole (10) is provided with a plurality of small ripples (17). The transverse ridges (13) are provided with longitudinal cut-outs (20) to provide drainage beneath the sole. About the periphery of the outer sole (10) is provided a flange portion (21) having formed therewith a locking bead (22). A protective insert (23) is provided having a moulded inner sole (24) and heel counter (25) members. Affixed to the inner sole (24) is an arch protector (26) and a toe cap (27). The toe cap (27) is retained to the inner sole (24) by means of the lower surface (30) of the toe cap (27) underlying the forward end (31) of the inner sole (24) and being locked thereto by the snapping-in of a tongue (32) of the forward end (31) into a recess (33) provided in the toe cap (27). Within the insert (23) is adhered a fabric-backed foam liner (34) to provide comfort to the wearer. Without the insert (23) is a boot outer (35) adapted to encapsulate the insert (23) and to provide the exterior surface of the boot upper. The toe cap (27), heel counter (25) and arch protector (26) are provided with recesses (36) adapted to receive the locking bead (22) of the flexible outer sole (10).

IPC 1-7

A43B 7/32

IPC 8 full level

A43B 7/32 (2006.01); **A43B 13/14** (2006.01); **A43B 13/22** (2006.01); **A43B 23/08** (2006.01); **A43B 23/17** (2006.01)

CPC (source: EP)

A43B 3/0047 (2013.01); **A43B 7/32** (2013.01); **A43B 13/223** (2013.01); **A43B 23/087** (2013.01); **A43B 23/17** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9214372A1

Cited by

IT202000029657A1; US8402676B2; WO2022118194A3

Designated contracting state (EPC)

AT CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

WO 9214372 A1 19920903; AT E182250 T1 19990815; DE 69131464 D1 19990826; DE 69131464 T2 20000330; EP 0572393 A1 19931208; EP 0572393 A4 19940209; EP 0572393 B1 19990721; ES 2137161 T3 19991216; JP H06507319 A 19940825

DOCDB simple family (application)

AU 9100122 W 19910402; AT 91907458 T 19910402; DE 69131464 T 19910402; EP 91907458 A 19910402; ES 91907458 T 19910402; JP 50669191 A 19910402