

Title (en)  
PROTECTIVE FOOT CAPSULE

Title (de)  
FUSS-SCHUTZSCHALE FÜR SICHERHEITSSCHUH

Title (fr)  
CHAUSSURE DE PROTECTION

Publication  
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Application  
**EP 91907458 A 19910402**

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• 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).

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Cited by  
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