

Title (en)

Shoe sole structures with tapering thickness in a horizontal plane

Title (de)

Schuhsolenstrukturen mit sich verjüngender Dicke in einer horizontalen Ebene

Title (fr)

Structures de semelles de chaussures avec une épaisseur de profil conique dans un plan horizontal

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Application

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Abstract (en)

[origin: WO9000358A1] A construction for a shoe (20), particularly an athletic shoe such as a running shoe, includes a sole (28) that conforms to the natural shape of the foot (27), particularly the sides (21), and that has a constant thickness (S) in frontal plane cross sections. The thickness of the shoe sole side contour (28a) equals and therefore varies exactly as the thickness of the load-bearing sole portion (28b) varies due to heel lift, for example. Thus, the outer contour of the edge portion (31a) of the sole (28) has at least a portion (28a) which lies along a theoretically ideal stability plane (51) for providing natural stability and efficient motion of the shoe (20) and foot (27) particularly in an inverted and everted mode.

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