

Title (en)
SHOE INSOLE FOR DIABETICS

Title (de)
Schuhinnensohle für Diabetiker

Title (fr)
SEMELLE INTERIEURE DE CHAUSSURE POUR DIABETIQUES

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Application
EP 03724991 A 20030410

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Abstract (en)
[origin: WO03090573A1] A shoe insole (111) for diabetics is provided with a sole base body (136), a sole covering layer (137) and with a number of cushion-like layers (112, 113, 114, 115, 116) distributed over the surface of the sole. The cushion-like layers consist of at least one first cushion-like layer (112) in the forefoot joint area, a second cushion-like layer (113) in the midfoot/tarsus transition area, and of a third cushion-like layer (114) in the midfoot/heel transition area. These cushion-like layers serving to assist venous blood draining are each subdivided into individual plateau-like areas (118 to 127) that are adjacent in the transversal direction of the sole surface (117) while being separated from one another. The top side of the cushion-like layers also covered by the sole covering layer (137) is raised relative to the level of the top side of the sole base body (136). The aim of the invention is to provide a shoe insole of the aforementioned type that, while providing a lasting assistance of arterial inflow into the foot or foot sole area, has a continuing positive influence on the foot or foot sole areas endangered by a diabetic metabolic condition. To this end, at least one indentation (161, 162) is provided between the first cushion-like layer (112) in the forefoot joint area and the second cushion-like layer (113) in the midfoot/tarsus transition area. Said indentation serves to relieve the pressure on the midfoot bone capitulum(s) and emanates from the top side of the sole base body (136).

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