

Title (en)
FOOTWEAR WITH UNSTABLE SOLE STRUCTURE

Title (de)
FUSSBEKLEIDUNG MIT INSTABILER SOHLENSTRUKTUR

Title (fr)
CHAUSSURES AVEC STRUCTURE DE SEMELLE INSTABLE

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Application
EP 09713643 A 20090216

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Abstract (en)
[origin: WO2009104029A1] The object of the invention is footwear with unstable sole structure for restoring and/or maintaining statically optimal body posture and healthy walking and running dynamics, for child and adult users, comprising an upper (2) and a sole structure designed to conform to the physiology of normal rolling gait, where the sole structure is attached to the upper, and where the sole structure has a wearing layer (23) adapted for contacting the ground, a bottom layer (24) attached to the wearing layer (24), an upper layer (25) permanently attached to the bottom layer (24), and a stiffener plate (6) arranged such that it contacts the upper layer, with the upper and bottom layers being made from thermoplastic plastic. An essential feature of the invention is that a bottom layer (24) covering the tread surface (8) is attached to the wearing layer (23) such that the wearing layer (23) extends at least over the side surfaces (18, 19) of the bottom layer (24), An upper layer (25) designed to cover the tread surface (8) is attached to the bottom layer (24), the upper layer comprising a support projection adapted for preventing ankle pronation and dimensioned to at least match in size the print of the arch of the foot, with the material of the bottom layer (24) being more resilient than that of the upper layer (25). The stiffener plate (6) contacting the upper layer (25) is arranged such that it covers the tread surface (8) and has a cross-sectional size decreasing towards the toes.

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