

Title (en)

SOLE OF ERGONOMIC SHOE SUITING HUMAN FOOT STRUCTURE AND WALKING

Title (de)

SOHLE FÜR EINEN FÜR DIE STRUKTUR DES MENSCHLICHEN FUSSES UND FÜR DAS GEHEN GEEIGNETEN ERGONOMISCHEN SCHUH

Title (fr)

SEMELLE DE CHAUSSURE ERGONOMIQUE ADAPTÉE À LA STRUCTURE DU PIED DE L'HOMME ET À LA MARCHÉ

Publication

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Application

EP 07715614 A 20070313

Priority

- KR 2007001218 W 20070313
- KR 20060062815 A 20060705

Abstract (en)

[origin: WO2008004745A1] This invention relates to a highly engineered shoe sole developed to fit the natural structure of the human foot and walking gait. By inventing a shoe sole with the heightened outer part of the shoe heels and lowered on the inner part of the front portion of the sole, the shoe enables the triple-time stepping by maintaining his/her feet and the ankle aligned with the shoes when standing or walking. Also, by naturally shifting the center of the body inwards from the outer part of the shoes, thus distributing the body weight evenly to the entire area of the shoe soles, the shoes reduce fatigue on the foot by absorbing and mitigating the impact on the foot that supports the body weight, which prevents and corrects deformed walking habits such as out-toed gaits and also prevents slipping while walking.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [XA] US 4685227 A 19870811 - SIMMONS RONALD G [US]
- [A] US 2616190 A 19521104 - DARBY REUBEN U
- [A] US 4864739 A 19890912 - MAESTRI ROBERT [FR]
- See references of WO 2008004745A1

Designated contracting state (EPC)

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