

Title (en)

Cushion improved structure of shoe ventilating insole

Title (de)

Mit Polstern verbesserte Struktur einer Schuhlüftungseinlegesohle

Title (fr)

Structure de semelle d'aération de chaussure améliorée par coussin

Publication

EP 2092841 A1 20090826 (EN)

Application

EP 09153227 A 20090219

Priority

CN 200810008309 A 20080222

Abstract (en)

There is disclosed a cushion improved structure of shoe ventilating insole comprises a top insole (1) having air inlet (15) and outlet (16) ports, a bottom insole (3) and a middle smaller area foam pad (2), wherein said top insole adhered with a cloth or leather and made of plastic material (12) is integrally formed with a raised face (18) on top of the heel area at the top surface thereof, and a plurality of air inlet ports (15) are made at lower peripheral edge of said raised face, further, several grooves (19) in any arbitrary shapes having a plurality of air outlet ports (16) at the inside bottoms thereof is integrally made on the front sole area, and a larger density foam pad is distributively punched with several small holes (21) while unpressed arch area of foot is densely punched with several big holes (22), whereby the enhanced smooth air flow and best air change effect due to increased air volume are obtained.

IPC 8 full level

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CPC (source: EP)

A43B 7/144 (2013.01); **A43B 13/12** (2013.01); **A43B 17/08** (2013.01); **A43B 17/14** (2013.01)

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