

Title (en)

Ventilating bottom and insole and related item of ventilated footwear

Title (de)

Belüftende Unterseite und Innensohle sowie zugehöriger belüfteter Schuhartikel

Title (fr)

Fond et semelle première de ventilation ainsi qu'article correspondant de chaussure ventilée

Publication

EP 2438825 B1 20140521 (EN)

Application

EP 11180871 A 20110912

Priority

IT BO20100560 A 20100915

Abstract (en)

[origin: EP2438825A1] A breathable, impermeable and elastically compliant composite insole (1) equips a bottom (2) of an item of footwear (18) having a ventilated foot space (13) and whose bottom (2) comprises an outsole (3) having holes (4) running through it for aerating the foot space (13). The insole (1) has a multilayer structure comprising a first layer (5) of microperforated, semirigid osmotic material, and a second layer (6) of macroperforated, soft impermeable material which are made to adhere monolithically, superposed over each other. The second layer (6) is larger in surface area than the first layer (5) and forms, in combination with the latter, a continuous border (7) which extends past the edge of the first layer (5) and which peripherally surrounds the first layer (5) itself. A ventilating bottom (2) and an item of ventilated footwear (18) form part of this invention.

IPC 8 full level

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CPC (source: EP)

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Cited by

ES2490067A1; CN103494399A; US10786035B2; US11896084B2; WO2022257069A1

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