

Title (en)
VENTILATED SHOE PAD

Title (de)
BELÜFTETES SCHUHPOLSTER

Title (fr)
SEMELLE DE CHAUSSURE VENTILÉE

Publication
EP 2572600 A1 20130327 (EN)

Application
EP 11782952 A 20110519

Priority
• CN 201010179357 A 20100520
• CN 2011074307 W 20110519

Abstract (en)
A ventilated insole including a pad (10) having a bladder (20), an air entry (30), an air exit (40), an entry conduit (50) interconnecting the air entry (30) and the bladder (20), an exit conduit (60) interconnecting the bladder (20) and the air exit (40), and two one-way valves (70) wherein one one-way valve (70) is at a joining portion of the bladder (20) and the entry conduit (50) and the other one-way valve (70) is at a joining portion of the bladder (20) and the exit conduit (60). Each of the entry conduit (50) and the exit conduit (60) has a triangular section so as to increase resistance, thereby facilitating air flow in the entry conduit (50) and the exit conduit (60) and planarizing the pad (10). The insole can be disposed in one of a variety of shoes and brings a degree of comfort to wearer.

IPC 8 full level
A43B 17/08 (2006.01)

CPC (source: EP KR US)
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Citation (search report)
See references of WO 2011144035A1

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