

Title (en)

Footwear having a shaped outsole for providing internal ventilation of the shoe

Title (de)

Schuhwerk mit einer geformten Aussensohle zur inneren Lüftung des Schuhs

Title (fr)

Article chaussant comprenant une semelle extérieure profilée, réalisant une ventilation interne de la chaussure

Publication

EP 0792593 A2 19970903 (EN)

Application

EP 97200541 A 19970225

Priority

IT VI960018 U 19960301

Abstract (en)

According to the invention, footwear having an upper, outsole and midsole, has the inner part of the outsole having a cellular structure, e.g., in a shaped structure of a honeycomb type, and has the midsole perforated for allowing air to pass from the outsole to the interior of the footwear. With this construction, deformations of the cells of the outsole during walking cause a pumping effect that induces air circulation between the outsole and the interior of the footwear. This contributes to a recirculation and to a self-ventilation effect being induced in the area of the foot where such functions are needed. <IMAGE>

IPC 1-7

A43B 7/06

IPC 8 full level

A43B 7/06 (2006.01); **A43B 7/08** (2006.01); **A43B 13/04** (2006.01)

CPC (source: EP)

A43B 7/081 (2013.01); **A43B 7/082** (2013.01)

Cited by

EP1615515A4; DE10129210A1; GB2339670A; US11938697B2; US10974476B2; WO2004089142A1; US10723048B2; US11135797B2; US11945184B2; US10730259B2; US11504928B2; US7328525B2; US11407191B2; US11470913B2

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0792593 A2 19970903; **EP 0792593 A3 19980603**; IT 251187 Y1 20031104; IT VI960018 U1 19970901; IT VI960018 V0 19960301; JP H09322803 A 19971216

DOCDB simple family (application)

EP 97200541 A 19970225; IT VI960018 U 19960301; JP 4631197 A 19970228