

Title (en)

AERATED SHOE HAVING CUSHIONING EFFECT, WITH AIR FLOW REGULATOR

Title (de)

BELÜFTETER SCHUH MIT DÄMPFENDER WIRKUNG, MIT LUFTMENGENREGLER

Title (fr)

CHAUSSURE AEREE A EFFET AMORTISSANT, AVEC REGULATEUR DE FLUX D'AIR

Publication

EP 2361024 B1 20140423 (EN)

Application

EP 09741010 A 20090921

Priority

- IT 2009000427 W 20090921
- IT RM20080503 A 20080922

Abstract (en)

[origin: WO2010032275A2] An aerated shoe with cushioning effect comprising a double sole (3, 5) with border (10) defining a hollow space between the two soles. The lower sole (5) does not have holes; the upper sole (3) has holes or micro-holes, allowing the passage of the atmospheric air towards the shoe interior, air which first crossed through the slits (12) on the border (10). Elements (7) are provided between the soles for ensuring the suspension and the movement of the air (ventilation) during walking. An air flow regulator, lockable in the desired position, selectively opens the slits (12). The regulator is preferably inserted in a continuous perimeter slot (11) of the border (10). The shoe ensures a natural entering/exiting air flow, quantifiable in a precise manner.

IPC 8 full level

A43B 7/08 (2006.01)

CPC (source: EP US)

A43B 7/081 (2013.01 - EP US); **A43B 7/082** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010032275 A2 20100325; WO 2010032275 A3 20100514; BR PI0918465 A2 20151124; CN 102159106 A 20110817; CN 102159106 B 20130320; EP 2361024 A2 20110831; EP 2361024 B1 20140423; IT 1395217 B1 20120905; IT RM20080503 A1 20100323; JP 2012502726 A 20120202; JP 5508422 B2 20140528; US 2011162240 A1 20110707

DOCDB simple family (application)

IT 2009000427 W 20090921; BR PI0918465 A 20090921; CN 200980137001 A 20090921; EP 09741010 A 20090921; IT RM20080503 A 20080922; JP 2011527478 A 20090921; US 200913063974 A 20090921