

Title (en)
SHOE

Title (de)
SCHUH

Title (fr)
CHAUSSURE

Publication
EP 2056688 A1 20090513 (DE)

Application
EP 07856760 A 20071214

Priority
• EP 2007011022 W 20071214
• DE 102006059493 A 20061214

Abstract (en)
[origin: WO2008071443A1] A first thin insole (2) having an arch insole (2a) configured with a recess (2b) in the metatarsal region (1b) is provided on the sole body (1) of a shoe, which extends from the heel region (1a) across the metatarsal region (1b) to the front ball/toe region (1c). A foam insert (3), which has a cutout (3a) corresponding to the size of the arch insole (2a), is disposed on the first insole (2), the insert extending from the heel region (1a) to the front ball/toe region (1c). A second insole (4) in the form of a support, which has a spherical segment-shaped or ellipsoid segment-shaped hollow body (4c), which protrudes in the metatarsal region (1b) from the bottom of the insole (4) and is adapted to the arch insole recess (2b), is provided on the foam insert (3). Such a shoe configured according to the invention can achieve a physiologically effective and correct rolling motion (walking motion) by the placement of the sole body in the back heel region, and subsequent rolling off via the physiological guide body in the form of the hollow body (4c), toward the front ball/toe region (1c), particularly in the direction of the big toe.

IPC 8 full level
A43B 7/14 (2006.01); **A43B 13/12** (2006.01); **A43B 17/02** (2006.01)

CPC (source: EP KR US)
A43B 7/14 (2013.01 - EP KR US); **A43B 7/142** (2013.01 - EP US); **A43B 7/143** (2013.01 - EP US); **A43B 7/144** (2013.01 - EP US); **A43B 7/1445** (2013.01 - EP US); **A43B 7/147** (2013.01 - EP US); **A43B 13/12** (2013.01 - EP KR US); **A43B 13/145** (2013.01 - EP US); **A43B 17/02** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2008071443A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008071443 A1 20080619; AT E454054 T1 20100115; DE 502007002579 D1 20100225; DK 2056688 T3 20100517; EP 2056688 A1 20090513; EP 2056688 B1 20100106; ES 2339188 T3 20100517; JP 2009539516 A 20091119; JP 4896221 B2 20120314; KR 101136716 B1 20120420; KR 20090096719 A 20090914; US 2010058614 A1 20100311; US 8407918 B2 20130402

DOCDB simple family (application)
EP 2007011022 W 20071214; AT 07856760 T 20071214; DE 502007002579 T 20071214; DK 07856760 T 20071214; EP 07856760 A 20071214; ES 07856760 T 20071214; JP 2009514717 A 20071214; KR 20097014559 A 20071214; US 31268707 A 20071214