

Title (en)

MIDSOLE STRUCTURE FOR A SPORTS SHOE AND SPORTS SHOE

Title (de)

MITTELSOHLENSTRUKTUR FÜR EINEN SPORTSCHUH UND SPORTSCHUH

Title (fr)

STRUCTURE DE SEMELLE INTERCALAIRE POUR UNE CHAUSSURE DE SPORT, ET CHAUSSURE DE SPORT

Publication

EP 2914143 A4 20160720 (EN)

Application

EP 12887650 A 20121105

Priority

FI 2012051074 W 20121105

Abstract (en)

[origin: WO2014068169A1] The invention relates to a sport shoe and particularly to its midsole construction. The midsole construction comprises a flexible body element (12), which extends essentially over the entire length of the sole of the foot, a flexible heel element (13, 14) located under the body element, which extends from under the calcaneus at least partly into the area of the cuboid bone, and a plate-like stiffener element (15) located at least partly between the body element (12) and the heel element (13, 14). According to the invention, the stiffener element (15) extends from the heel area forwards farther on the lateral side of the sole of the foot than on the medial side of the sole of the foot. A more natural and economical stride is achieved with the aid of the invention.

IPC 8 full level

A43B 5/06 (2006.01); **A43B 7/14** (2006.01); **A43B 7/1415** (2022.01); **A43B 13/12** (2006.01); **A43B 13/18** (2006.01)

CPC (source: EP US)

A43B 7/1425 (2013.01 - EP US); **A43B 7/144** (2013.01 - EP US); **A43B 7/1445** (2013.01 - EP US); **A43B 13/127** (2013.01 - EP US); **A43B 13/16** (2013.01 - US); **A43B 13/181** (2013.01 - EP US); **A43B 13/187** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2007003704 A1 20070111 - KARHU SPORTING GOODS OY [FI], et al
- [Y] US 2009013556 A1 20090115 - NISHIWAKI TSUYOSHI [JP], et al
- See references of WO 2014068169A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2014068169 A1 20140508; **WO 2014068169 A8 20140710**; EP 2914143 A1 20150909; EP 2914143 A4 20160720; US 2015272269 A1 20151001

DOCDB simple family (application)

FI 2012051074 W 20121105; EP 12887650 A 20121105; US 201214440361 A 20121105