

Title (en)

Midsole for reducing load applied on knee

Title (de)

Zwischensohle zur Verminderung der auf das Knie aufgebrachten Last

Title (fr)

Semelle intercalaire pour réduire la charge appliquée sur le genou

Publication

**EP 2939558 B1 20181107 (EN)**

Application

**EP 15152468 A 20150126**

Priority

KR 20140051293 A 20140429

Abstract (en)

[origin: EP2939558A1] The present invention relates to a midsole which reduces a load applied to a knee, and more particularly, to a midsole which reduces a load applied to a knee, in which a first soft portion and a second soft portion are disposed at a front inner side and a rear inner side so as to allow an inner knee to relatively and smoothly move, thereby reducing impact and load concentrated on an inner knee joint, and expecting improved exercise capacity.

IPC 8 full level

**A43B 17/18** (2006.01); **A43B 7/18** (2006.01); **A43B 13/12** (2006.01); **A43B 13/18** (2006.01); **A43B 13/38** (2006.01); **A43B 13/40** (2006.01); **A43B 13/41** (2006.01)

CPC (source: EP KR US)

**A43B 7/18** (2013.01 - US); **A43B 13/125** (2013.01 - EP KR US); **A43B 13/141** (2013.01 - KR); **A43B 13/16** (2013.01 - KR); **A43B 13/186** (2013.01 - EP KR US); **A43B 13/383** (2013.01 - US); **A43B 13/40** (2013.01 - US); **A43B 13/41** (2013.01 - EP US)

Citation (examination)

- KR 101075172 B1 20111019 - BLACK YAK CO LTD [KR]
- KR 20130017448 A 20130220 - SHIN KYUNG INC [KR]

Cited by

USD899061S; USD840136S; US10952489B2; US9610746B2; US9849645B2; USD840137S; US10259183B2; US10905919B2; USD852475S; US10925347B2; USD925179S; US11096441B2; EP2984960A1; EP3854250A1; JP2022016549A; US11135797B2; US11945184B2; US10039342B2; US10667576B2; US11284669B2; US9781974B2; US9788598B2; US9788606B2; US9795186B2; US9820528B2; US10716358B2; US11707108B2; US9781970B2; USD853699S; USD853691S; US10506846B2; USD873543S; USD889810S; USD906648S; USD927154S; US11213093B2; US9930928B2; US10721991B2; US11291268B2; US11445783B2; US11957206B2; US11986047B2

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)

**EP 2939558 A1 20151104**; **EP 2939558 B1 20181107**; CN 105011464 A 20151104; KR 101423025 B1 20140729; US 2015305437 A1 20151029

DOCDB simple family (application)

**EP 15152468 A 20150126**; CN 201510214241 A 20150429; KR 20140051293 A 20140429; US 201514691875 A 20150421