

Title (en)

MULTIFUNCTIONAL GRAVITY BODY SHAPING SOLE AND SHOES

Title (de)

MULTIFUNKTIONELLES SCHWERKRAFTGEFORMTES SOHLENELEMENT UND SCHUHE DAMIT

Title (fr)

SEMELLE ET CHAUSSURES MULTIFONCTIONS À GRAVITÉ ET ADAPTÉES À LA FORME DU CORPS

Publication

EP 2700325 A4 20140827 (EN)

Application

EP 12774705 A 20120417

Priority

- CN 201110097938 A 20110419
- CN 2012074196 W 20120417

Abstract (en)

[origin: EP2700325A1] A multifunctional gravity body shaping sole, comprising a bottom wear-resisting non-slip layer, a sole body layer set on the bottom wear-resisting non-slip layer and a top connecting layer set on the sole body layer, characterized in that the sole body layer has a transversely-set hole which can be selectively filled with a weight, and the hole is a through-hole of which the openings are set in the side part of the sole body layer. Also provided are shoes comprising said soles.

IPC 8 full level

A43B 13/14 (2006.01); **A43B 1/00** (2006.01); **A43B 3/00** (2006.01); **A43B 7/00** (2006.01); **A43B 13/22** (2006.01); **A63B 21/065** (2006.01)

CPC (source: EP US)

A43B 1/0072 (2013.01 - EP US); **A43B 3/36** (2022.01 - EP US); **A43B 7/00** (2013.01 - EP US); **A43B 13/12** (2013.01 - US);
A43B 13/14 (2013.01 - EP US); **A43B 13/22** (2013.01 - EP US); **A43B 19/005** (2013.01 - EP US); **A63B 21/00061** (2013.01 - EP US);
A63B 21/065 (2013.01 - EP US); **A63B 21/4015** (2015.10 - EP US); **A63B 21/0603** (2013.01 - EP US); **A63B 21/0607** (2013.01 - EP US)

Citation (search report)

- [X] WO 03092424 A1 20031113 - CHOI YOON JA [KR]
- [X] WO 2005006904 A1 20050127 - CHOI JAE-KYUNG [KR]
- [X] WO 2005023038 A2 20050317 - EIN-GAL MOSHE [IL]
- [X] US 6050007 A 20000418 - ANGELIERI ROBERT S [US], et al
- [X] EP 0346298 A2 19891213 - PICCININI GIUSEPPE
- [X] US 3785646 A 19740115 - RUSKIN S
- See references of WO 2012142940A1

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 2700325 A1 20140226; EP 2700325 A4 20140827; CN 102144826 A 20110810; CN 102144826 B 20121226; JP 2014511741 A 20140519;
KR 20130135996 A 20131211; US 2014033574 A1 20140206; WO 2012142940 A1 20121026

DOCDB simple family (application)

EP 12774705 A 20120417; CN 201110097938 A 20110419; CN 2012074196 W 20120417; JP 2014505498 A 20120417;
KR 20137028914 A 20120417; US 201214112570 A 20120417