

Title (en)

INSOLE AND SHOE COMPRISING A REMOVABLE INSOLE

Title (de)

EINLEGESOHLE UND SCHUH MIT EINER AUSWECHSELBAREN EINLEGESOHLE

Title (fr)

SEMELLE INTÉRIEURE ET CHAUSSURE COMPORTANT UNE SEMELLE INTÉRIEURE AMOVIBLE

Publication

EP 3100627 A1 20161207 (EN)

Application

EP 15170871 A 20150605

Priority

EP 15170871 A 20150605

Abstract (en)

An insole designed for supporting a foot (7) after the insole is inserted in a shoe so as to abut a sole section of said shoe, said insole comprising an integral plastic material forming a flexible planar base layer (1) out of which numerous resilient studs (2) arise, is easily manufactured and provides a comfortable feeling if the planar base layer (1) is designed as a contact surface for the foot (7), the studs are designed to extend from the base layer (1) to the sole section of the shoe, and the studs (2) are shaped of different heights so that upon weight-loading by the foot (7) the flexible planar base layer (1) is deformed so as to conform with the shape of the underside of the foot (7) as a three-dimensionally shaped footbed.

IPC 8 full level

A43B 7/14 (2006.01); **A43B 13/22** (2006.01); **A43B 17/00** (2006.01)

CPC (source: CN EP US)

A43B 7/146 (2013.01 - EP US); **A43B 13/226** (2013.01 - EP US); **A43B 17/00** (2013.01 - EP US); **A43B 17/02** (2013.01 - CN); **A43B 17/026** (2013.01 - US); **A43B 17/08** (2013.01 - CN US); **A43B 17/14** (2013.01 - CN)

Citation (applicant)

- US 2010175275 A1 20100715 - BEIRUTI AHMAD M [US]
- GB 2418129 A 20060322 - RITCHIE GARRY [GB]

Citation (search report)

- [XYI] US 4974345 A 19901204 - YUNG-MAO LIN [CN]
- [X] US 4908962 A 19900320 - YUNG-MAO LIN [CN]
- [Y] US 5619809 A 19970415 - SESSA RAYMOND [US]
- [YD] US 2010175275 A1 20100715 - BEIRUTI AHMAD M [US]

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 15170871 A 20150605; CN 201610533719 A 20160603; ES 15170871 T 20150605; JP 2016105172 A 20160526; US 201615157494 A 20160518