

Title (en)

SHOE INSOLE INCLUDING A KNITTED SPACER FABRIC

Title (de)

SCHUHEINLEGESOHLE BEINHALTEND EINEN ABSTANDSGEWIRK

Title (fr)

SEMELLE INTERIEURE DE CHAUSSURE COMPRENANT UN TRICOT DE SEPARATION

Publication

EP 2575527 B1 20160803 (EN)

Application

EP 11726209 A 20110607

Priority

- NL 2004833 A 20100607
- NL 2011050401 W 20110607

Abstract (en)

[origin: WO2011155824A1] A shoe insole includes a knitted spacer fabric. The knitted fabric comprises a top layer, a bottom layer, and a plurality of spacing threads extending between the top layer and the bottom layer. The spacing threads includes a monofilament yarn having a diameter of between 0.09 mm and 0.12 mm. Optionally the top layer on one of its sides, exposed to the exterior and adapted to contact a shoe wearer's foot, has been given a softer feel by a sanding treatment.

IPC 8 full level

A43B 17/02 (2006.01); **A43B 1/00** (2006.01); **A43B 1/04** (2006.01); **A43B 7/14** (2006.01); **A43B 13/12** (2006.01); **A43B 13/14** (2006.01); **A43B 17/08** (2006.01); **D04B 21/16** (2006.01)

CPC (source: EP US)

A43B 1/0045 (2013.01 - EP US); **A43B 1/04** (2013.01 - EP US); **A43B 13/12** (2013.01 - EP US); **A43B 13/14** (2013.01 - US); **A43B 17/02** (2013.01 - EP US); **A43B 17/08** (2013.01 - EP US); **D04B 21/16** (2013.01 - EP US); **D10B 2403/0111** (2013.01 - EP US); **D10B 2403/021** (2013.01 - EP US); **D10B 2501/043** (2013.01 - EP US)

Cited by

DE102019123362A1; CN113475816A

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 2011155824 A1 20111215; AU 2011262608 A1 20130110; AU 2011262608 B2 20130912; CA 2801883 A1 20111215; CN 103025191 A 20130403; CN 103025191 B 20150708; EP 2575527 A1 20130410; EP 2575527 B1 20160803; JP 2013528102 A 20130708; MX 2012014306 A 20130501; NL 2004833 C2 20111208; US 2013139407 A1 20130606

DOCDB simple family (application)

NL 2011050401 W 20110607; AU 2011262608 A 20110607; CA 2801883 A 20110607; CN 201180036311 A 20110607; EP 11726209 A 20110607; JP 2013514127 A 20110607; MX 2012014306 A 20110607; NL 2004833 A 20100607; US 201113702462 A 20110607