

Title (en)
FOOTWEAR ARTICLE

Title (de)
SCHUHARTIKEL

Title (fr)
ARTICLE CHAUSSANT

Publication
EP 2887831 A4 20160511 (EN)

Application
EP 12883420 A 20120910

Priority
• HK 12108206 A 20120821
• IB 2012001732 W 20120910

Abstract (en)
[origin: WO2014030025A1] The footwear article (100) comprises a generally elongate sole (110) for engaging with and supporting a foot of a person, and a foot engagement means (20) for securing the footwear article (100) to the foot of the person. The sole (110) has an upper surface, a lower surface (114), a first portion (116) for interaction with at least a ground surface during ambulation, a second portion (118) for interaction with at least the ground surface during ambulation, and a third portion (115) disposed between the upper surface and the lower surface (114). The first portion (116) of the sole (110) includes a first material with a first material property, the second portion (118) of the sole (110) includes a second material with a second material property, and the third portion (115) of the sole (110) includes a third material with a third material property. The first portion (116) and the second portion (118) extend at least to the upper surface of the sole (110). The first material property provides dampening of impact load imparted to the foot of the person upon contact of the footwear article (100) with the ground surface. The third material property is a visco-elastic property for providing controlled deformation upon contact of the footwear article (100) with the ground surface and returns to an initial state upon removal of the impact.

IPC 8 full level
A43B 13/12 (2006.01); **A43B 3/10** (2006.01)

CPC (source: EP US)
A43B 3/108 (2013.01 - EP US); **A43B 3/128** (2013.01 - US); **A43B 7/142** (2013.01 - EP US); **A43B 7/143** (2013.01 - EP US);
A43B 7/1435 (2013.01 - EP US); **A43B 7/144** (2013.01 - EP US); **A43B 7/1445** (2013.01 - EP US); **A43B 7/148** (2013.01 - EP US);
A43B 13/12 (2013.01 - EP US); **A43B 13/187** (2013.01 - US); **A43B 13/189** (2013.01 - EP US)

Citation (search report)
• [Y] US 2010242306 A1 20100930 - FU DAVID [CN]
• [Y] US 4069601 A 19780124 - ROBBINS THOMAS RICHARD, et al
• See also references of WO 2014030025A1

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 2014030025 A1 20140227; CN 104780799 A 20150715; EP 2887831 A1 20150701; EP 2887831 A4 20160511; HK 1205652 A1 20151224;
HK 1206216 A1 20160108; US 2015230547 A1 20150820

DOCDB simple family (application)
IB 2012001732 W 20120910; CN 201280076552 A 20120910; EP 12883420 A 20120910; HK 15106403 A 20150706; HK 15107081 A 20150724;
US 201214422949 A 20120910