

Title (en)

SOLE STRUCTURE WITH HOLES ARRANGED IN AUXETIC CONFIGURATION

Title (de)

SOHLENSTRUKTUR MIT IN AUXETISCHER KONFIGURATION ANGEORDNETEN LÖCHERN

Title (fr)

STRUCTURE DE SEMELLE AVEC DES TROUS AGENCÉS SELON UNE CONFIGURATION AUXÉTIQUE

Publication

EP 3267820 A1 20180117 (EN)

Application

EP 15820809 A 20151218

Priority

- US 201514643121 A 20150310
- US 2015066905 W 20151218

Abstract (en)

[origin: WO2016144409A1] An article of footwear (100) includes a sole structure (103, 1100) with a midsole component (1122, 122). The midsole component (1122, 122) includes a plurality of holes (1130, 1150, 1170, 1172, 200, 300, 402) arranged in an auxetic configuration. The plurality of holes (1130, 1150, 1170, 1172, 200, 300, 402) includes through holes (1130, 1150, 1170, 1172, 200, 300, 402) and blind holes (1152). The blind holes (1152) surround the through holes (1130, 1150, 1170, 1172, 200, 300, 402).

IPC 8 full level

A43B 7/08 (2006.01); **A43B 13/12** (2006.01); **A43B 13/18** (2006.01)

CPC (source: CN EP)

A43B 7/087 (2013.01 - EP); **A43B 13/125** (2013.01 - CN EP); **A43B 13/14** (2013.01 - CN EP); **A43B 13/181** (2013.01 - CN EP); **A43B 13/187** (2013.01 - CN EP)

Citation (search report)

See references of WO 2016144409A1

Cited by

US11744322B2; US11926115B2

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)

WO 2016144409 A1 20160915; CN 107427105 A 20171201; CN 107427105 B 20200703; CN 111602927 A 20200901; CN 111602927 B 20211126; EP 3267820 A1 20180117; EP 3267820 B1 20210120; TW 201633944 A 20161001; TW 201733472 A 20171001; TW I600386 B 20171001; TW I616147 B 20180301

DOCDB simple family (application)

US 2015066905 W 20151218; CN 201580077276 A 20151218; CN 202010498204 A 20151218; EP 15820809 A 20151218; TW 105101768 A 20160120; TW 106121925 A 20160120