

Title (en)

ARTICLE OF FOOTWEAR AND KNITTED COMPONENT THEREOF

Title (de)

FUSSBEKLEIDUNGSARTIKEL UND GESTRICKTE KOMPONENTE DAVON

Title (fr)

ARTICLE CHAUSSANT ET SON COMPOSANT TRICOTÉ

Publication

EP 3298920 A1 20180328 (EN)

Application

EP 17193002 A 20170925

Priority

CN 201610854806 A 20160926

Abstract (en)

An article of footwear and a knitted component thereof are provided. The article of footwear includes a shoe upper and a sole structure fixed to the shoe upper. The shoe upper defines a shoe cavity for a foot to be inserted thereinto. The shoe upper is formed by the knitted component and includes a plurality of upper regions. The knitted component is a two-dimensional structure knitted from at least one yarn and includes a plurality of knitted regions respectively corresponding to the plurality of upper regions. Each of the plurality of upper regions has a stretch ratio to its corresponding knitted region of the plurality of knitted regions. The number of stitches in each of the plurality of knitted regions is proportional to its corresponding stretch ratio, so when the foot is inserted into the shoe cavity, courses and wales formed by the at least one yarn in the plurality of upper regions are substantially orthogonal.

IPC 8 full level

A43B 1/04 (2006.01); **A43B 23/02** (2006.01)

CPC (source: CN EP KR US)

A43B 1/04 (2013.01 - EP KR US); **A43B 9/02** (2013.01 - KR); **A43B 23/0205** (2013.01 - CN); **A43B 23/0245** (2013.01 - CN); **A43B 23/025** (2013.01 - KR US); **A43B 23/0265** (2013.01 - EP US); **A43B 23/027** (2013.01 - US); **D04B 1/12** (2013.01 - EP); **D04B 1/22** (2013.01 - CN); **D04B 21/20** (2013.01 - CN); **D10B 2403/032** (2013.01 - EP); **D10B 2501/043** (2013.01 - EP)

Citation (search report)

- [XII] US 2014310984 A1 20141023 - TAMM STEFEN [DE], et al
- [X] US 2015320136 A1 20151112 - DUA BHUPESH [US], et al
- [A] US 2016088894 A1 20160331 - MEIR ADRIAN [US], et al
- [A] US 2014310985 A1 20141023 - TRAN NGHIEU [DE], et al

Cited by

EP3742916A4; WO2019147966A1

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)

EP 3298920 A1 20180328; CN 107865481 A 20180403; JP 2018051312 A 20180405; KR 20180034284 A 20180404; KR 20190126736 A 20191112; SG 10201707925Q A 20180427; TW 201813532 A 20180416; TW I692320 B 20200501; US 2018116339 A1 20180503

DOCDB simple family (application)

EP 17193002 A 20170925; CN 201610854806 A 20160926; JP 2017185423 A 20170926; KR 20170124388 A 20170926; KR 20190107578 A 20190830; SG 10201707925Q A 20170926; TW 106132994 A 20170926; US 201715716346 A 20170926