

Title (en)

ANTI-SPRAIN SHOCK-ABSORBING BALANCE AIR-CUSHION SHOE

Title (de)

SCHUH MIT STOSSDÄMPFENDEM AUSGLEICHENDEN LUFTKISSEN GEGEN VERSTAUCHUNG

Title (fr)

CHAUSSURE À COUSSIN D'AIR D'ÉQUILIBRE ANTI-ENTORSE ABSORBANT LES CHOCS

Publication

EP 3389426 A4 20181219 (EN)

Application

EP 17833221 A 20170330

Priority

- CN 201610594905 A 20160725
- CN 2017078761 W 20170330

Abstract (en)

[origin: WO2018018914A1] An anti-sprain shock-absorbing balance air-cushion shoe includes a shoe insert (11) and a sole (12). The air cushion shoe also includes two airbags (21) which are communicated with each other. Two airbag rooms (121) are mounted in the upper surface of the sole (12) which respectively accommodate the two airbags (21) separately. The two airbag rooms (121) are arranged in the sole (12) along the left-and-right direction. The shoe insert (11) and the sole (12) are combined so as to separately fix the two airbags (21) inside the two airbag rooms (121). The two airbag rooms (121) are stretchable and compressible. So, the side rollover of the sole (12) is stopped and the relative balance of the sole (12) is kept.

IPC 8 full level

A43B 3/00 (2006.01); **A43B 13/20** (2006.01)

CPC (source: CN EP US)

A43B 3/00 (2013.01 - CN); **A43B 13/14** (2013.01 - CN); **A43B 13/20** (2013.01 - CN EP US); **A43B 13/206** (2013.01 - EP US); **A43B 17/03** (2013.01 - US); **A43B 3/0031** (2013.01 - EP US)

Citation (search report)

- [XAYI] EP 1209992 A2 20020605 - NIKE INC [US]
- [XAI] CN 105581435 A 20160518 - BEST AIR WALK CO LTD
- [XAI] US 2005217142 A1 20051006 - ELLIS FRAMPTON E III [US]
- [YA] US 2016192737 A1 20160707 - CAMPOS II FIDENCIO [US], et al
- [A] US 2012102784 A1 20120503 - BUDER JENS [DE], et al
- See references of WO 2018018914A1

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 2018018914 A1 20180201; CN 106037123 A 20161026; CN 106037123 B 20171205; EP 3389426 A1 20181024; EP 3389426 A4 20181219; EP 3389426 B1 20200701; JP 2019506987 A 20190314; JP 6778757 B2 20201104; US 2019014861 A1 20190117

DOCDB simple family (application)

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