

Title (en)
SHOE

Title (de)
SCHUH

Title (fr)
CHAUSSURE

Publication
EP 3542659 A4 20191204 (EN)

Application
EP 17883088 A 20171208

Priority
• JP 2016257968 A 20161223
• JP 2017044228 W 20171208

Abstract (en)
[origin: US2019159547A1] A shoe, which is light and capable of improving cushioning properties and a thrust force occurring upon push off without sacrificing comfort to wear, has a simple structure and can be mass-produced. The shoe is provided with: a shoe body into which a foot is inserted; a hard plate which covers a necessary area on a bottom side of the shoe body in a length direction and is fixed to the bottom side of the shoe body only at a necessary location including a position of a front foot part; and cushion materials which are attached to both end parts of a ground contact side of the hard plate in the length direction.

IPC 8 full level
A43B 13/12 (2006.01); **A43B 5/00** (2006.01); **A43B 5/06** (2006.01); **A43B 13/14** (2006.01); **A43B 13/18** (2006.01)

CPC (source: EP US)
A43B 5/06 (2013.01 - US); **A43B 13/12** (2013.01 - EP US); **A43B 13/14** (2013.01 - US); **A43B 13/18** (2013.01 - US);
A43B 13/183 (2013.01 - EP US); **A43B 13/185** (2013.01 - EP US)

Citation (search report)
• [XA] JP 2010162318 A 20100729 - NAKATSUKA TATSUYA
• [A] US 4534124 A 19850813 - SCHNELL JOACHIM [DE]
• [A] KR 20100030859 A 20100319 - KWON DONG HYUK [KR]
• [A] US 4492046 A 19850108 - KOSOVA GHENZ [US]
• See also references of WO 2018116874A1

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)
US 2019159547 A1 20190530; CN 110099582 A 20190806; EP 3542659 A1 20190925; EP 3542659 A4 20191204;
JP WO2018116874 A1 20190328; WO 2018116874 A1 20180628

DOCDB simple family (application)
US 201716321258 A 20171208; CN 201780079834 A 20171208; EP 17883088 A 20171208; JP 2017044228 W 20171208;
JP 2018557676 A 20171208