

Title (en)
SHOE, IN PARTICULAR SPORTS SHOE

Title (de)
SCHUH, INSBESONDERE SPORTSCHUH

Title (fr)
CHAUSSURE, NOTAMMENT CHAUSSURE DE SPORT

Publication
EP 3454690 A1 20190320 (DE)

Application
EP 16723017 A 20160511

Priority
EP 2016000770 W 20160511

Abstract (en)
[origin: WO2017194070A1] The invention relates to a shoe (1), in particular a sports shoe, which has a sole (2) connected to a shoe upper (3). In order to enable simple individual adaptability of the shoe and to improve the grip of the shoe on the ground, sole (2), according to the invention, comprises: a first sole part (4), which has a bottom plate (5), wherein a number of first damping elements (6) is arranged on the bottom plate (5); a second sole part (7), which has a cover plate (8), wherein a number of second damping elements (9) is arranged on the cover plate (8); a connecting part (10), which has a number of plug connections (11) connected to each other, wherein each plug connection (11) has a first plug (12) directed downward and a second plug (13) directed upward, wherein the first plug (12) is designed to engage in a section of the first damping element (6), and wherein the second plug (13) is designed to engage in a section of the second damping element (9), wherein at least a number of the first plugs (12) directed downward extends through an opening (14) in the bottom plate (5) in such a way that, when the sole (2) is deformed by the weight of the wearer (F), the first plug (12) protrudes from the lower surface (15) of the sole (2) further than without application of the weight of the wearer.

IPC 8 full level
A43C 15/14 (2006.01); **A43B 13/18** (2006.01); **A43C 15/16** (2006.01)

CPC (source: EP KR US)
A43B 5/001 (2013.01 - US); **A43B 5/025** (2013.01 - US); **A43B 13/18** (2013.01 - KR); **A43B 13/181** (2013.01 - EP US);
A43C 15/14 (2013.01 - EP KR US); **A43C 15/16** (2013.01 - KR); **A43C 15/168** (2013.01 - EP US)

Citation (search report)
See references of WO 2017194070A1

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 2017194070 A1 20171116; CN 107734991 A 20180223; CN 107734991 B 20200904; EP 3454690 A1 20190320; EP 3454690 B1 20191106; JP 2018519037 A 20180719; JP 6554559 B2 20190731; KR 101991302 B1 20190620; KR 20180008672 A 20180124; US 10258110 B2 20190416; US 2018228251 A1 20180816

DOCDB simple family (application)
EP 2016000770 W 20160511; CN 201680037805 A 20160511; EP 16723017 A 20160511; JP 2017562586 A 20160511; KR 20177036130 A 20160511; US 201615735137 A 20160511