

Title (en)
INSOLE AND SHOE EQUIPPED WITH SAME

Title (de)
EINLEGESOHLE UND DAMIT AUSGERÜSTETER SCHUH

Title (fr)
SEMELLE INTÉRIEURE ET CHAUSSURE ÉQUIPÉE DE CELLE-CI

Publication
EP 3821744 A4 20220413 (EN)

Application
EP 19833039 A 20190712

Priority

- JP 2018132925 A 20180713
- JP 2018141915 A 20180728
- JP 2018152143 A 20180811
- JP 2018221755 A 20181128
- JP 2019027677 W 20190712

Abstract (en)
[origin: EP3821744A1] [Object] To provide an insole capable of transmitting a force of tiptoes to a shoe sole and also capable of enhancing muscle strength of toes and a foot sole.[Solution] An insole includes: an insole main body 14 adapted to be accommodated in a bottom of a shoe; a thong 14 attached to a toe-side front part of the insole main body 4; and an instep-side support 16 provided at an end of the thong 14 opposite to the insole main body 4 and extending in a front-rear direction from a toe side to a heel side with respect to the thong 14, wherein a relationship $SL \leq KL$ is satisfied, where SL is a length of the instep-side support from a center of its part contacting the thong to a toe-side end part, and KL is a length from the center of its part contacting the thong to a heel-side end.

IPC 8 full level
A43B 7/1455 (2022.01); **A43B 7/26** (2006.01); **A43B 17/00** (2006.01); **A43B 19/00** (2006.01)

CPC (source: EP US)
A43B 7/1455 (2013.01 - EP); **A43B 7/26** (2013.01 - EP US); **A43B 17/00** (2013.01 - EP); **A43B 19/00** (2013.01 - EP); **A43B 23/02** (2013.01 - US); **A43B 17/16** (2013.01 - US); **A43B 17/18** (2013.01 - US)

Citation (search report)

- [XY] KR 20160028816 A 20160314 - SON TAE SUCK [KR]
- [XA] WO 2016027974 A1 20160225 - LEE CHUN YOUNG [KR]
- [Y] JP 2005305063 A 20051104 - TAKEMURA SATOSHI
- [A] KR 20080040371 A 20080508 - LEE YOON JAE [KR]
- See references of WO 2020013311A1

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

DOCDB simple family (publication)
EP 3821744 A1 20210519; EP 3821744 A4 20220413; US 2021120909 A1 20210429; WO 2020013311 A1 20200116

DOCDB simple family (application)
EP 19833039 A 20190712; JP 2019027677 W 20190712; US 201917257195 A 20190712