

Title (en)
SHOE INSOLE

Title (de)
SCHUHINNENSOHLE

Title (fr)
PREMIÈRE DE PROPRIÉTÉ

Publication
EP 3827689 A4 20220309 (EN)

Application
EP 18927951 A 20180724

Priority
JP 2018027656 W 20180724

Abstract (en)
[origin: EP3827689A1] There is provided a shoe insole that facilitates a movement to grasp the ground with toes while ensuring stability and motility. A shoe insole 1 includes, in order to maintain an inner longitudinal arch 121, an outer longitudinal arch 122, and a transverse arch 120 of a foot, a calcaneal anterior-part support protrusion 90 that abuts a calcaneal anterior part 12A of the foot, and a toe ball support part 100 that supports a thenar 26A and a hypothenar 34A of the foot, with the calcaneal anterior-part support protrusion 90 maintaining the inner longitudinal arch 121, the outer longitudinal arch 122, and the transverse arch 120, wherein an insole front part 110 thinner than the toe ball support part 100 is provided in front of the toe ball support part 100.

IPC 8 full level
A43B 17/00 (2006.01); **A43B 7/1425** (2022.01); **A43B 7/143** (2022.01); **A43B 7/1435** (2022.01)

CPC (source: EP KR US)
A43B 7/142 (2013.01 - KR); **A43B 7/1425** (2013.01 - EP); **A43B 7/143** (2013.01 - EP); **A43B 7/1435** (2013.01 - EP);
A43B 7/144 (2013.01 - EP KR US); **A43B 7/1445** (2013.01 - EP KR US); **A43B 7/145** (2013.01 - KR); **A43B 7/1475** (2013.01 - KR);
A43B 7/149 (2013.01 - EP); **A43B 17/00** (2013.01 - KR); **A43B 17/02** (2013.01 - EP US)

Citation (search report)
• [XY] FR 2923681 A1 20090522 - LE ROUX STEPHANIE [FR], et al
• [X] US 2828555 A 19580401 - AUGUSTE LEDOS MAURICE EMILE
• [Y] US 2018042335 A1 20180215 - LAN YU CHING [US]
• [Y] EP 3011853 A1 20160427 - BMZ LTD [JP]
• See references of WO 2020021622A1

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 3827689 A1 20210602; **EP 3827689 A4 20220309**; **EP 3827689 B1 20230510**; CN 112469301 A 20210309; CN 112469301 B 20220315;
JP 6799881 B2 20201216; JP WO2020021622 A1 20201217; KR 102463611 B1 20221107; KR 20210018435 A 20210217;
TW 202007297 A 20200216; TW I678977 B 20191211; US 2021298412 A1 20210930; WO 2020021622 A1 20200130

DOCDB simple family (application)
EP 18927951 A 20180724; CN 201880095875 A 20180724; JP 2018027656 W 20180724; JP 2020531864 A 20180724;
KR 20217000254 A 20180724; TW 107138620 A 20181031; US 201817262337 A 20180724