

Title (en)

INNER SOLE AND SOLE ARRANGEMENT WITH VENTILATION EFFECT AND EFFECTIVE FLUID REMOVAL

Title (de)

INNENSOHLE UND SOHLENANORDNUNG MIT VENTILATIONSEFFEKT UND EFFEKTIVEM FLÜSSIGKEITSABTRANSPORT

Title (fr)

SEMELLE INTÉRIEURE ET AGENCEMENT SEMELLE À EFFET DE VENTILATION ET À ÉVACUATION EFFICACE DE LIQUIDE

Publication

**EP 3939460 C0 20240522 (DE)**

Application

**EP 21184194 A 20210707**

Priority

DE 102020118545 A 20200714

Abstract (en)

[origin: WO2021260234A1] The present invention relates to an inner sole (10) for shoes, which has a foot-facing foot face (12) and an opposite shoe-facing sole face (14), wherein the sole skin of the inner sole (10) comprises a structure consisting of hexagons arranged areally, wherein each hexagon forms a cavity, each hexagon (16) is open towards the shoe-facing sole face (14), and each hexagon (16) comprises a perforation (15) which perforates the sole skin towards the foot-facing foot face (12). The invention also relates to a shoe equipped with such an inner sole.

IPC 8 full level

**A43B 17/10** (2006.01); **A43B 1/00** (2006.01); **A43B 17/08** (2006.01)

CPC (source: EP RU)

**A43B 1/0009** (2013.01 - EP); **A43B 1/0045** (2013.01 - EP); **A43B 17/08** (2013.01 - EP RU); **A43B 17/10** (2013.01 - EP)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**EP 3939460 A1 20220119**; **EP 3939460 B1 20240522**; **EP 3939460 C0 20240522**; DE 102020118545 A1 20220120; EP 3958701 A1 20220302; EP 3958701 B1 20231011; EP 3958701 C0 20231011; PL 3939460 T3 20240923; PL 3958701 T3 20240325; RU 2771571 C1 20220505; WO 2021260234 A1 20211230

DOCDB simple family (application)

**EP 21184194 A 20210707**; DE 102020118545 A 20200714; EP 2021069434 W 20210713; EP 21742821 A 20210713; PL 21184194 T 20210707; PL 21742821 T 20210713; RU 2021120574 A 20210713