

Title (en)

RESILIENT SOLE AND METHOD FOR MANUFACTURING SAME

Title (de)

ELASTISCHE SOHLE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

SEMELLE ÉLASTIQUE ET SA METHODE DE FABRICATION

Publication

**EP 4222315 A1 20230809 (FR)**

Application

**EP 21783281 A 20210929**

Priority

- BE 202005684 A 20201002
- EP 2021076739 W 20210929

Abstract (en)

[origin: WO2022069512A1] Resilient sole 1 which is attached to a concrete layer (2) or which is positioned between a concrete layer (2) and ballast (3), and which is formed by a layer (4) of recycled rubber, in the revulcanised state after devulcanisation, and a layer (5) of structured fibres which is arranged so as to be in contact with the rubber layer, the fibres being partially impregnated in the rubber layer and having a free thickness (8) of structured fibres, assembly comprising the sole and method for manufacturing same.

IPC 8 full level

**E01B 1/00** (2006.01); **E01B 3/46** (2006.01)

CPC (source: EP US)

**E01B 1/001** (2013.01 - US); **E01B 1/005** (2013.01 - EP); **E01B 3/46** (2013.01 - EP); **E01B 26/00** (2013.01 - US); **E01B 2204/01** (2013.01 - EP US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022069512 A1 20220407**; AU 2021353966 A1 20230504; AU 2021353966 A9 20240613; BE 1028667 A1 20220427; BE 1028667 B1 20220504; BR 112023005362 A2 20230509; CA 3193873 A1 20220407; CN 116507774 A 20230728; EP 4222315 A1 20230809; EP 4222315 B1 20240703; EP 4222315 C0 20240703; MX 2023003547 A 20230619; PL 4222315 T3 20240819; US 2023304227 A1 20230928

DOCDB simple family (application)

**EP 2021076739 W 20210929**; AU 2021353966 A 20210929; BE 202005684 A 20201002; BR 112023005362 A 20210929; CA 3193873 A 20210929; CN 202180072455 A 20210929; EP 21783281 A 20210929; MX 2023003547 A 20210929; PL 21783281 T 20210929; US 202118246770 A 20210929