

Title (en)

ADHESIVE SYSTEM FOR ROUGH SURFACES

Title (de)

HAFTSYSTEM FÜR RAUE OBERFLÄCHEN

Title (fr)

SYSTÈME ADHÉSIF POUR SURFACES RUGUEUSES

Publication

EP 4057942 A1 20220921 (DE)

Application

EP 20803791 A 20201106

Priority

- DE 102019130988 A 20191115
- EP 2020081269 W 20201106

Abstract (en)

[origin: WO2021094215A1] The invention relates to a device having a structured coating for adhering to rough, in particular biological, surfaces, comprising a carrier layer (101), wherein a plurality of protrusions is arranged on said carrier layer (101), which protrusions each comprise at least one stem having an end face pointing away from the surface, and wherein a further layer (104) is arranged at least on the end face, wherein said layer has a lower modulus of elasticity and is in the form of a film that interconnects the protrusions. The film can also be in the form of a removable film.

IPC 8 full level

A61F 2/18 (2006.01); **A61L 27/50** (2006.01); **C09J 7/00** (2018.01)

CPC (source: EP KR US)

A61F 2/0077 (2013.01 - KR US); **A61F 2/18** (2013.01 - EP KR); **A61L 27/50** (2013.01 - EP KR); **C09J 7/00** (2013.01 - EP KR); **A61F 2/0077** (2013.01 - EP); **A61F 2002/183** (2013.01 - EP KR US); **A61F 2210/0057** (2013.01 - US); **A61F 2210/0076** (2013.01 - US); **A61F 2240/001** (2013.01 - EP KR US); **C09J 2301/31** (2020.08 - EP KR)

Citation (search report)

See references of WO 2021094215A1

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)

DE 102019130988 A1 20210520; CN 114938627 A 20220823; EP 4057942 A1 20220921; JP 2023501505 A 20230118; KR 20220101652 A 20220719; US 2022387160 A1 20221208; WO 2021094215 A1 20210520

DOCDB simple family (application)

DE 102019130988 A 20191115; CN 202080092403 A 20201106; EP 2020081269 W 20201106; EP 20803791 A 20201106; JP 2022527070 A 20201106; KR 20227019468 A 20201106; US 202017775972 A 20201106