

Title (en)

ARTIFICIAL TURF WITH COMPOSITE INFILL

Title (de)

KUNSTRASEN MIT VERBUNDGRANULATFÜLLUNG

Title (fr)

GAZON ARTIFICIEL AVEC MATÉRIAU DE REMPLISSAGE COMPOSITE

Publication

EP 3276078 A1 20180131 (EN)

Application

EP 16181508 A 20160727

Priority

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Abstract (en)

The invention provides for an artificial turf (100, 200, 300) comprising an artificial turf infill (112). The artificial turf infill comprises composite infill components (114). The infill components comprise a water absorbent yarn (404). The water absorbent yarn is covered with a jacket (406). The jacket is formed from an elastomeric compound. The jacket comprises at least one opening (408). The at least one opening exposes the water absorbent yarn.

IPC 8 full level

E01C 13/08 (2006.01)

CPC (source: EP KR US)

E01C 13/02 (2013.01 - US); **E01C 13/08** (2013.01 - EP KR US); **E01C 13/083** (2013.01 - US); **D10B 2505/202** (2013.01 - US); **E01C 2201/202** (2013.01 - KR); **Y10T 428/23921** (2015.04 - US)

Citation (applicant)

EP 2206833 A1 20100714 - MONDO SPA [IT]

Citation (search report)

- [XDI] EP 2206833 A1 20100714 - MONDO SPA [IT]
- [I] US 2015308056 A1 20151029 - SPITTLE KEVIN S [US], et al
- [A] US 2002048676 A1 20020425 - MCDANIEL ROBERT R [US], et al
- [A] JP 2012117305 A 20120621 - SUMITOMO RUBBER IND

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)

EP 3276078 A1 20180131; **EP 3276078 B1 20181205**; AU 2017304471 A1 20190117; AU 2017304471 B2 20191107; CA 3027785 A1 20180201; CN 109415878 A 20190301; DK 3276078 T3 20190211; EP 3491191 A1 20190605; ES 2705717 T3 20190326; JP 2019522132 A 20190808; KR 20190016104 A 20190215; MA 43011 A 20180131; MA 43011 B1 20190131; MA 45766 A 20210428; NZ 749349 A 20200731; US 2019292732 A1 20190926; WO 2018019732 A1 20180201

DOCDB simple family (application)

EP 16181508 A 20160727; AU 2017304471 A 20170721; CA 3027785 A 20170721; CN 201780042783 A 20170721; DK 16181508 T 20160727; EP 17740036 A 20170721; EP 2017068540 W 20170721; ES 16181508 T 20160727; JP 2019500867 A 20170721; KR 20197000797 A 20170721; MA 43011 A 20160727; MA 45766 A 20170721; NZ 74934917 A 20170721; US 201716317948 A 20170721