

Title (en)

ARTIFICIAL TURF WITH COMPOSITE INFILL

Title (de)

KUNSTRASEN MIT KOMPOSITFÜLLUNG

Title (fr)

GAZON ARTIFICIEL À REMPLISSAGE COMPOSITE

Publication

**EP 3491191 A1 20190605 (EN)**

Application

**EP 17740036 A 20170721**

Priority

- EP 16181508 A 20160727
- EP 2017068540 W 20170721

Abstract (en)

[origin: EP3276078A1] 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 (search report)

See references of WO 2018019732A1

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Designated extension state (EPC)

BA ME

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**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;  
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