

Title (en)

ARTIFICIAL TURF INFILL WITH COATED NATURAL FIBER

Title (de)

FÜLLMATERIAL FÜR KUNSTRASEN MIT BESCHICHTETEN NATURFASER

Title (fr)

REMPLISSAGE DE GAZON ARTIFICIEL COMPRENANT DES FIBRES NATURELLES REVETUES

Publication

EP 3276073 A1 20180131 (EN)

Application

EP 16207159 A 20161228

Priority

- EP 16181508 A 20160727
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- EP 16204500 A 20161215

Abstract (en)

The invention provides for a method of manufacturing artificial turf infill (202, 202', 202"). The method comprises providing (800) a base composition comprising a natural fiber (500), a at least one first type of of pigment, and a fluid binding agent. The fluid binding agent comprises at least one type of polymer component. The natural fiber comprises any one of the following: hemp fiber, burlap fiber, sisal fiber, elephant grass, cotton, coconut fiber, and combinations thereof. The method further comprises mixing (802) the base composition. The method further comprise adding (804) water and a catalyst to the base composition during the mixing of the base composition to cure the fluid binding agent and the at least one first type of of pigment into a base coating (502) of the natural fiber.

IPC 8 full level

D06M 15/564 (2006.01); **D06N 7/00** (2006.01); **E01C 13/08** (2006.01)

CPC (source: EP KR US)

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Citation (applicant)

EP 2206833 A1 20100714 - MONDO SPA [IT]

Citation (search report)

- [IDA] EP 2206833 A1 20100714 - MONDO SPA [IT]
- [XI] WO 2004003281 A2 20040108 - DU PONT [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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