Title (en)

ARTIFICIAL TURF WITH NON-GRANULAR DAMPING MATERIAL AND METHOD FOR MANUFACTURING SAME

Title (de)

KUNSTRASEN MIT NICHTKÖRNIGEM DÄMPFUNGSMATERIAL UND VERFAHREN ZUR HERSTELLUNG DESSEN

Title (fr)

GAZON ARTIFICIEL COMPORTANT UN MATÉRIAU D'AMORTISSEMENT NON GRANULAIRE ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 15832527 A 20150813

Priority

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Abstract (en)

[origin: WO2016024044A1] The invention relates to an artificial turf com- prising a backing of open net structure, a plurality of artificial grass fibers and a plurality of artificial base fibers, wherein said grass and base fibers are attached to the backing and extend upwardly from the backing when in use. In the artificial turf according to the present invention the base and grass fibers are reinforced by non-granular infill material comprising elastomer applied as a coating on each fiber and covering part of the length of the grass fibers and at least part of the length of the base fibers, wherein the reinforced parts of the base and grass fibers form a resilient and water-permeable layer which is attached to the backing and over which the grass fibers extend. The layer is able to maintain the grass fibers in an approximately vertical orientation in use without requiring the provision of a granular infill. The invention further relates to a method for manufacturing an artificial turf.

IPC 8 full level

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