

Title (en)

IMPROVEMENTS IN OR RELATING TO ARTIFICIAL SURFACES

Title (de)

VERBESSERUNGEN AN ODER IM ZUSAMMENHANG MIT KÜNSTLICHEN OBERFLÄCHEN

Title (fr)

AMÉLIORATIONS APPORTÉES OU SE RAPPORTANT À DES SURFACES ARTIFICIELLES

Publication

**EP 4012082 A2 20220615 (EN)**

Application

**EP 21208712 A 20211117**

Priority

GB 202018370 A 20201123

Abstract (en)

There is disclosed a material or yarn (5) for an artificial surface (10), such as a sports surface, for example, a hockey surface. The yarn (5) comprises a synthetic turf or grass yarn comprising a polyolefin material and at least one additive comprising a siloxane additive. The at least one additive comprises or forms a layer on the material or yarn (5) or on the polyolefin material, such as an outer layer on the yarn (5) or on the polyolefin material. The artificial surface (10) comprises a synthetic turf or grass surface or system, wherein the artificial surface (10) has a rotational resistance of 25Nm to 45Nm when dry or unwatered or unwetted.

IPC 8 full level

**D01F 1/10** (2006.01); **A41G 1/00** (2006.01); **D01F 6/46** (2006.01); **D01F 6/92** (2006.01); **D02G 1/12** (2006.01); **E01C 13/08** (2006.01)

CPC (source: EP GB)

**A41G 1/009** (2013.01 - EP); **D01F 1/02** (2013.01 - GB); **D01F 1/10** (2013.01 - EP); **D01F 6/00** (2013.01 - GB); **D01F 6/04** (2013.01 - GB); **D01F 6/46** (2013.01 - EP); **D01F 6/92** (2013.01 - EP); **D02G 1/12** (2013.01 - EP)

Citation (applicant)

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Cited by

EP4303351A1; WO2024056675A1; EP4339367A1; WO2024056214A1

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Designated extension state (EPC)

BA ME

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