

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 A3 20220713 (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)

Cited by

EP4303351A1; WO2024056675A1; EP4339367A1; WO2024056214A1

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 4012082 A2 20220615; **EP 4012082 A3 20220713**; GB 202018370 D0 20210106; GB 202116541 D0 20211229; GB 2601243 A 20220525; GB 2601243 B 20230510

DOCDB simple family (application)

EP 21208712 A 20211117; GB 202018370 A 20201123; GB 202116541 A 20211117