

Title (en)
ARTIFICIAL TURF GRASS WITH NATURAL APPEARANCE

Title (de)
KUNSTRASENGRAS MIT NATÜRLICHEM AUSSEHEN

Title (fr)
GAZON ARTIFICIEL D'ASPECT NATUREL

Publication
EP 3906331 A1 20211110 (EN)

Application
EP 19836776 A 20191219

Priority
• EP 19382003 A 20190103
• US 2019067362 W 20191219

Abstract (en)
[origin: WO2020142230A1] Disclosed herein is a turf filament comprising from 50 to 99.5 weight percent of a base polymer selected from polyolefins, polyamides, polyesters and combinations thereof, from 0.1 to 20 weight percent of polymer particles having a core and a shell structure where the core comprises a first polymeric material having a first refractive index and the shell comprises a second polymeric material having a second refractive index that is different from the first refractive index, from 0.5 to 30 weight percent of a compatibilizer and from 0 to 10 weight percent of a colorant based on total weight of the filaments. Also disclosed is a synthetic turf comprising such filaments. These filaments provide a turf with a natural appearance.

IPC 8 full level
D01F 1/10 (2006.01); **D01F 1/04** (2006.01); **E01C 13/08** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2020142230A1

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