

Title (en)
BIODEGRADABLE SYNTHETIC TURF YARN

Title (de)
BIOLOGISCH ABBAUBARES KUNSTRASENGARN

Title (fr)
FIL DE GAZON ARTIFICIEL BIODÉGRADABLE

Publication
EP 4278033 A1 20231122 (EN)

Application
EP 21819999 A 20211202

Priority
• EP 20211326 A 20201202
• NL 2021050732 W 20211202

Abstract (en)
[origin: WO2022119444A1] The invention is directed to a synthetic turf yarn, to a method of preparing said synthetic turf yarn, to artificial turf comprising said synthetic turf yarn, and to a method of preparing artificial turf. The synthetic turf yarn of the invention comprises an aliphatic polyester and a copolyester of butanediol, terephthalic acid and a linear aliphatic dicarboxylic acid selected from the group consisting of succinic acid, adipic acid, and sebacic acid.

IPC 8 full level
D01F 6/84 (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP US)
D01F 6/84 (2013.01 - EP); **D02G 3/04** (2013.01 - US); **D02G 3/445** (2013.01 - US); **D05C 17/026** (2013.01 - US); **D06N 7/0065** (2013.01 - EP US); **E01C 13/08** (2013.01 - EP US); **D01D 5/426** (2013.01 - EP); **D01F 6/92** (2013.01 - EP); **D06N 2201/02** (2013.01 - US); **D06N 2201/045** (2013.01 - US); **D06N 2209/067** (2013.01 - US); **D06N 2209/1614** (2013.01 - US); **D10B 2201/01** (2013.01 - US); **D10B 2331/04** (2013.01 - US); **D10B 2401/063** (2013.01 - US); **D10B 2401/12** (2013.01 - US); **D10B 2505/202** (2013.01 - US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022119444 A1 20220609; CN 117222784 A 20231212; EP 4278033 A1 20231122; US 2024011201 A1 20240111

DOCDB simple family (application)
NL 2021050732 W 20211202; CN 202180092501 A 20211202; EP 21819999 A 20211202; US 202118255834 A 20211202