

Title (en)
Synthetic turf

Title (de)
Kunstrasen

Title (fr)
Gazon artificiel

Publication
EP 2161374 B1 20130102 (DE)

Application
EP 08015877 A 20080909

Priority
EP 08015877 A 20080909

Abstract (en)
[origin: EP2161374A1] The method involves fabricating multiple straws (1) as multi-component fibers with core-shell-configuration. The synthetic turf includes a base layer (2), multiple straws and a muffling material (3). The straws are made of polyester of terephthalic acid, particularly polyethylene terephthalate or polybutylene terephthalate, where the polyester is derived from garbage materials. The muffling material is made of synthetic fibers twisted by yarns, where the yarns are selected from the group, polyethylene or polypropylene.

IPC 8 full level
E01C 13/08 (2006.01)

CPC (source: EP US)
D01F 1/10 (2013.01 - EP US); **D01F 8/14** (2013.01 - EP US); **E01C 13/08** (2013.01 - EP US); **Y10T 428/23979** (2015.04 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/2969** (2015.01 - EP US)

Cited by
EP2395135A1; EP2520696A1; EP3604637A1; EP3604638A1; US11896922B2; WO2017158025A3; EP3604675A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2161374 A1 20100310; EP 2161374 B1 20130102; CA 2677511 A1 20100309; CA 2677511 C 20151110; CN 101684634 A 20100331; RU 2009133729 A 20110320; RU 2516308 C2 20140520; US 2010062192 A1 20100311; US 2012305166 A1 20121206; US 8283003 B2 20121009; US 8936748 B2 20150120

DOCDB simple family (application)
EP 08015877 A 20080909; CA 2677511 A 20090902; CN 200910205760 A 20090909; RU 2009133729 A 20090908; US 201213587318 A 20120816; US 55600209 A 20090909