

Title (en)

ARTIFICIAL LAWN WITH CUSHIONED LAYER

Title (de)

KUNSTRASEN MIT POLSTERSCHICHT

Title (fr)

PELOUSE ARTIFICIELLE AVEC COUCHE AMORTISSANTE

Publication

EP 2084329 A1 20090805 (DE)

Application

EP 07821579 A 20071019

Priority

- DE 102006050480 A 20061020
- EP 2007061215 W 20071019

Abstract (en)

[origin: WO2008046912A1] During the laying of cushioned layers in the form of strips under sports floors, such as an artificial lawn, the problem of temperature-dependent undulation or curling of the strips often arises. The invention thus provides a sports floor, in particular an artificial lawn, comprising a playable upper layer and a cushioned layer which comprises at least one foam layer having slits that completely penetrate the foam layer. In particular, the cushioned layer comprises slits which are embodied in two directions extending perpendicularly in relation to each other, said slits enclosing an angle of 30 to 70°, in particular 40 to 50°, with the longitudinal and transversal extension of the strip. Alternatively, the slits are arranged so that they are offset from one another in a parallel manner, the cushioned layer on at least one side being cushioned with a nonwoven, woven or meshed fabric.

IPC 8 full level

E01C 13/02 (2006.01); **E01C 13/08** (2006.01)

CPC (source: EP)

D06N 7/0089 (2013.01); **E01C 13/02** (2013.01); **E01C 13/08** (2013.01)

Citation (search report)

See references of WO 2008046912A1

Citation (third parties)

Third party :

- WO 9853980 A1 19981203 - FAGERDALA TUOTANTO OY [FI], et al
- EP 0292865 A2 19881130 - HUELS TROISDORF [DE], et al
- US 4161558 A 19790717 - SEE JACQUES L A [FR]
- EP 1383401 B1 20070905 - LAAKSONEN KARI [FI]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008046912 A1 20080424; DK 2084329 T3 20190722; DK 2084329 T4 20220404; EP 2084329 A1 20090805; EP 2084329 B1 20190410; EP 2084329 B2 20220223; ES 2733476 T3 20191129; ES 2733476 T5 20220506; PL 2084329 T3 20190930; PL 2084329 T5 20220502; PT 2084329 T 20190716; TR 201909752 T4 20190722

DOCDB simple family (application)

EP 2007061215 W 20071019; DK 07821579 T 20071019; EP 07821579 A 20071019; ES 07821579 T 20071019; PL 07821579 T 20071019; PT 07821579 T 20071019; TR 201909752 T 20071019