

Title (en)
ARTIFICIAL LAWN WITH CUSHIONED LAYER

Title (de)
KUNSTRASEN MIT POLSTERSCHICHT

Title (fr)
PELOUSE ARTIFICIELLE AVEC COUCHE AMORTISSANTE

Publication
EP 2084329 B1 20190410 (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
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CPC (source: EP)
D06N 7/0089 (2013.01); **E01C 13/02** (2013.01); **E01C 13/08** (2013.01)

Citation (examination)
• WO 02080717 A1 20021017 - LAAKSONEN KARI [FI]
• US 4161558 A 19790717 - SEE JACQUES L A [FR]
• EP 0292865 A2 19881130 - HUELS TROISDORF [DE], et al
• WO 9853980 A1 19981203 - FAGERDALA TUOTANTO OY [FI], et al

Citation (opposition)
Opponent : NMC sa
• DE 102006050480 A 20061020
• US 2006045995 A1 20060302 - DIPPLE TED [US]
• EP 1842963 A1 20071010 - XL WORK AG [CH]
• US 3655501 A 19720411 - TESCH GUENTHER HORST
• DE 2659551 A1 19780706 - DYNAMIT NOBEL AG
• 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]
• ANONYMOUS: "Dry Step® Thermal Carpet Wärme für kalte Fussböden", NMC DEUTSCHLAND GMBH, pages 1pp
• ANONYMOUS: "Dry Step Termomatto Lämpöä kylmille lattioille", FAGERDALA, pages 1pp
• ANONYMOUS: "Dry Step® Termomatto Fagerdala Tuotanto Oy /French translation enclosed/", RT T-36957 TEKSTIILIPÄÄLLYSTEET, May 2005 (2005-05-01), pages 2pp, XP055671946

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