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(54) Title: SYNTHETIC TURF RESEMBLING A GRASS FIELD

(57) Abstract: The present invention provides a new type of synthetic turf resembling grass fields. The synthetic turf comprises a tuftcloth and tufts projecting thereof whereby at least a number of the yarns making up the tufts consist essentially of a mixture of high density polyethylene and low density linear polyethylene, providing the turf with improved resilience and sliding-friendliness. The invention further encloses yarns with different cross-section profiles resulting in a better resilience. The synthetic turf comprising these yarns has a much better resilience as well as a more natural look. To even further enhance the natural look of the synthetic turf and to prevent a rather artificial look, the present invention also discloses the use of at least two different colors and preferably three or more different colors for the yarns, such as yellow-green, bright green and dark green.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. D01F6/46 D01D5/253 D01D5/42 E01C13/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
D01F D01D E01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2004/077914 A2 (DOMO CABRITA N V [BE]; DE CLERCK JAN [BE]) 16 September 2004 (2004-09-16) cited in the application page 3, line 16 - page 4, line 24 figure 3	1-8, 13-15
Y	DATABASE WPI Week 199953 Derwent Publications Ltd., London, GB; AN 1999-616022 XP002409906 & JP 11 269811 A (DIATEX KK) 5 October 1999 (1999-10-05) abstract	1-8,14

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Name and mailing address of the ISA/	Authorized officer
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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