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DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM,
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EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
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(54) **Title:** SYNTHETIC LAMINATED MAT

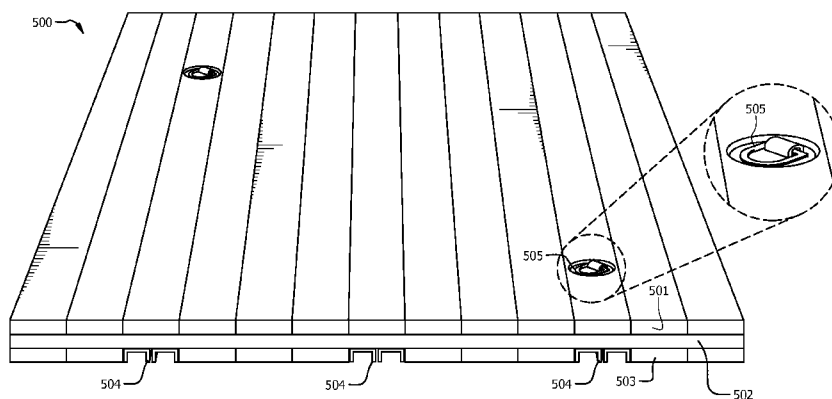


FIG. 5

(57) **Abstract:** An improved laminated mat which comprises synthetic materials are provided for herein. Embodiments may include a plurality of synthetic boards disposed adjacent to each other to form a top surface. Such a top surface may be configured such that individual boards are replaceable in the event of defects, wear and the like. The top surface may be attached to a lower support layer. This layer may also include a plurality of synthetic boards arranged in a cross-hatched manner with respect to the top surface.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 13/78299

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F16L 1/06; B29C 70/18 (2014.01)

USPC - 248/346.02; 428/36.3

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)

IPC F16L 1/06; B29C 70/18 (2014.01)

USPC 248/346.02; 428/36.3

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

USPC 248/346.02; 428/36.3; 523/222; 52/177 (Keyword limited, terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase, Google Patents, Google Scholar (NPL); Keywords: Synthetic, laminated, mat, oilfield, pipeline, boards, cross-hatched, bolts, fasteners metal channel

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,822,944 A (Penland, Sr.) 20 October 1998 (20.10.1998) abstract; col 2, ln 40-62; col 3, ln 23-43; col 5, ln 55-57; col 6, ln 7-65; Figure 1	1-28
Y	US 6,061,980 A (Poienkot) 16 May 2000 (16.05.2000) col 1, ln 20-31; col 2, ln 10-67; col 40-48; col 4, ln 13-44	1-28
Y	US 2006/0265976 A1 (Fiutak et al.) 30 November 2006 (30.11.2006) para [0003], [0025], [0026], [0041], [0043]	2-5, 9-12, 20-21
A	US 6,214,428 B1 (Henderson) 10 April 2001 (10.04.2001) abstract; col 2, ln 12-64; col 3, ln 9-41	1-28

☐ Further documents are listed in the continuation of Box C.


* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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