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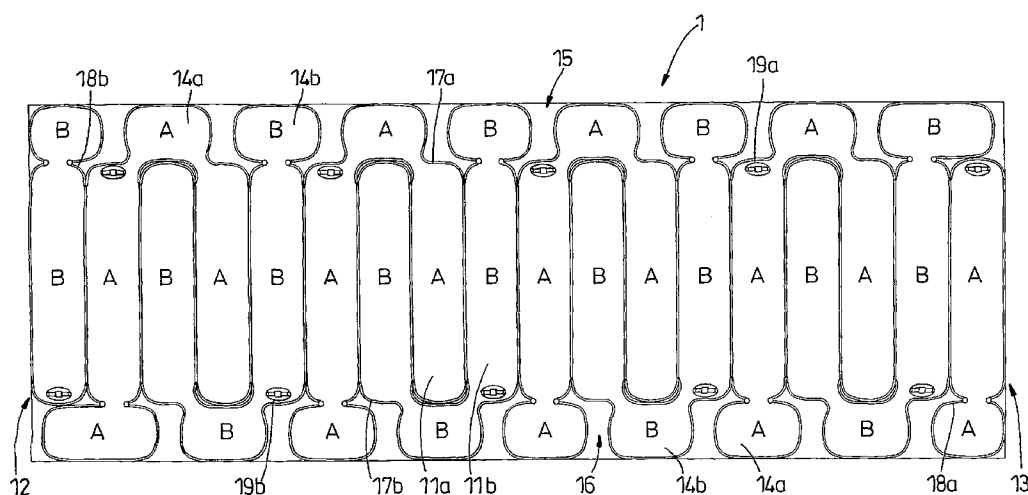
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(54) Title: ALTERNATING PRESSURE MATTRESSES



(57) Abstract: An alternating pressure mattress has two sets (A, B) of cells, which are inflated and deflated cyclically and in sequence, to provide alternating support for a patient. Each set (A, B) has central transverse cells (11a, 11b) and side forming cells (14a, 14b). The central cells (11a, 11b) provide a central region for the patient. The side forming cells (14a, 14b) protrude, when inflated, higher than the central cells, to act as side barriers preventing rolling of the patient off the mattress. At each side of the mattress a plurality of the side forming cells (14a, 14b) of both sets (A, B) is present, these cells inflating and deflating with the respective central cells (11a, 11b), so that the side barrier effect is provided by the two sets (A, B) cells alternatingly.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)

A47C A61G

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.
X	US 2004/255386 A1 (LIU TSUNG HSI [US] LIU TSUNG HIS [TW]) 23 December 2004 (2004-12-23) abstract page 2, paragraph 37 - page 2, paragraph 42	1,3,4, 8-10
A	GB 2 267 217 A (CALDWELL KENNETH [GB]; CALDWELL VERA [GB]) 1 December 1993 (1993-12-01) abstract; figures	1-12
A	US 2003/019041 A1 (INCHAUSTEGUI RAFAEL DANINO [PE] DANINO INCHAUSTEGUI RAFAEL [PE]) 30 January 2003 (2003-01-30) abstract; figure 6	1-12
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☒ See patent family annex.

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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.
A	US 2002/133883 A1 (PEREZ TIMOTHY W [US] ET AL) 26 September 2002 (2002-09-26) abstract page 1, paragraph 4 - page 1, paragraph 7 figures 1-10	1-12
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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