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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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[Continued on next page]

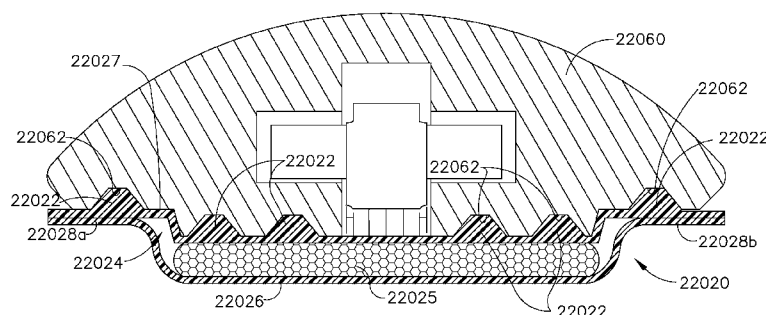
(54) **Title:** TISSUE THICKNESS COMPENSATOR COMPRISING AT LEAST ONE MEDICAMENT

FIG. 116

(57) **Abstract:** In various embodiments, a tissue thickness compensator (22020, 22120, 22220, 22320, 22520, 22720, 22820, 22920, 23120, 23220, 33420, 33350, 23620) can comprise one or more capsules and/or pockets (22024, 22222, 225, 22724, 22824, 22924, 23122, 2322, 33424, 33524, 23627) comprising at least one medicament (22025, 22125, 2255, 2275, 23225, 3345, 33525) therein. In at least one embodiment, staples can be fired through the tissue thickness compensator to rupture the capsules. In certain embodiments, a firing member, or knife, can be advanced through the tissue thickness compensator to rupture the capsules.



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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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)
A61B

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 practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	----- US 2009/120994 A1 (MURRAY MICHAEL A [US] ET AL) 14 May 2009 (2009-05-14) paragraph [0032] - paragraph [0059]; figures	1-18
X	----- EP 2 189 121 A1 (TYCO HEALTHCARE [US]) 26 May 2010 (2010-05-26) paragraph [0028] - paragraph [0049]; figures	1,3-11, 13-18
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Further documents are listed in the continuation of Box C.



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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	WO 03/094746 A1 (TYCO HEALTHCARE [US]; VIOLA FRANK J [US]) 20 November 2003 (2003-11-20) page 14, line 3 - line 22; figures 9e-9g page 16, line 26 - page 17, line 12 -----	18
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INTERNATIONAL SEARCH REPORT

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International application No

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