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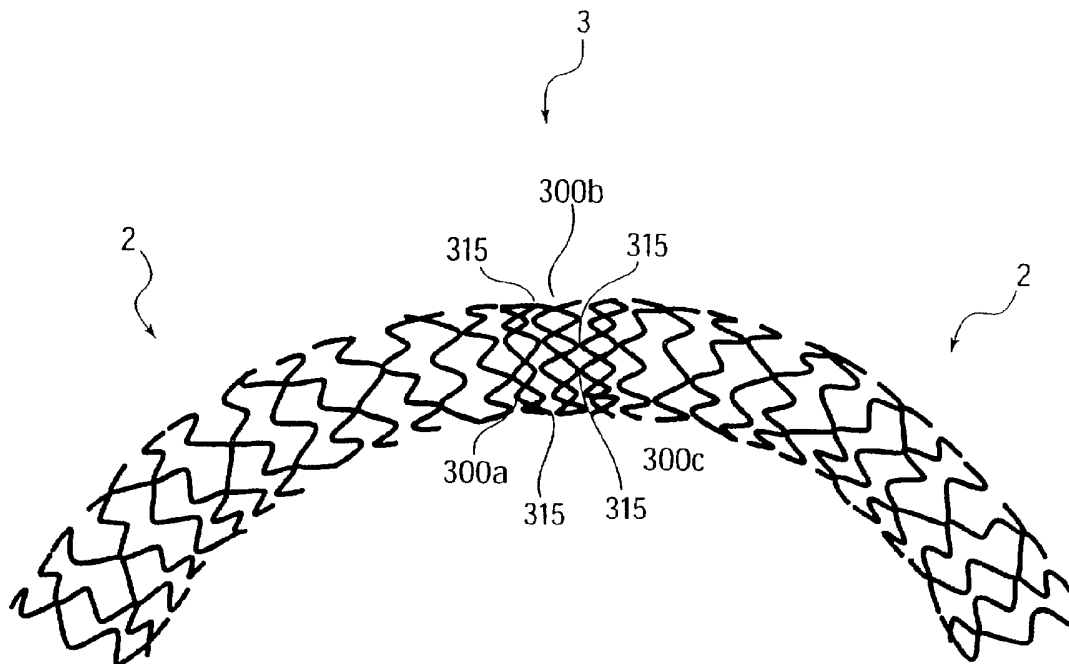
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- (71) Applicant (for all designated States except US): MEDINOL LTD. [IL/IL]; Kiryat Atidim, P.O. Box 58165, 61581 Tel Aviv (IL).
- (72) Inventor; and (75) Inventor/Applicant (for US only): PINCHASIK, Gregory [IL/IL]; 336/143 Tsamarot St., 46424 Herzlia (IL). Published: — with international search report

[Continued on next page]

(54) Title: SELF ARTICULATING STENT



(57) Abstract: A stent (1) is made up of a plurality of adjacent stent segments (12), spaced from one another. Between each two adjacent stent segments (2) is a detachment zone (3) that includes two articulation planes. In each articulation plane there are two connecting members (315), with the members in one articulation plane spaced from those in the other articulation plane about the circumference of the stent (1) by from about 60 to 140 degrees from each other. Within each articulation plane, the two members are spaced between about 140 and 220 degrees from each other.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL02/00730

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 2/06

US CL : 623/1.16

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)

U.S. : 623/1.16, 1.15, 1.19, 1.22, 1.38; 606/108, 194, 195

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)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                        | Relevant to claim No. |
|------------|---|-----------------------|
| A, E ✓     | US 6,485,510 A (Camrud et al) 26 November 2002 (26.11.2002), See all the figures and the entire document. | 1-24                  |
| A ✓        | EP 1005843A2 (Richter) 18 October 1999 (18.10.1999), see entire document.                                 | 1-24                  |
| A, P ✓     | GB 2,360,456 A (Muller) 26 September 2001 (26.09.2001), see abstract.                                     | 1 and 24              |

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

|   |  |
|---|--|
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| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P" document published prior to the international filing date but later than the priority date claimed  |  |

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Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Authorized Officer

Corrine McDermott

Facsimile No. (703)305-3230

Telephone No. 703-308-0858