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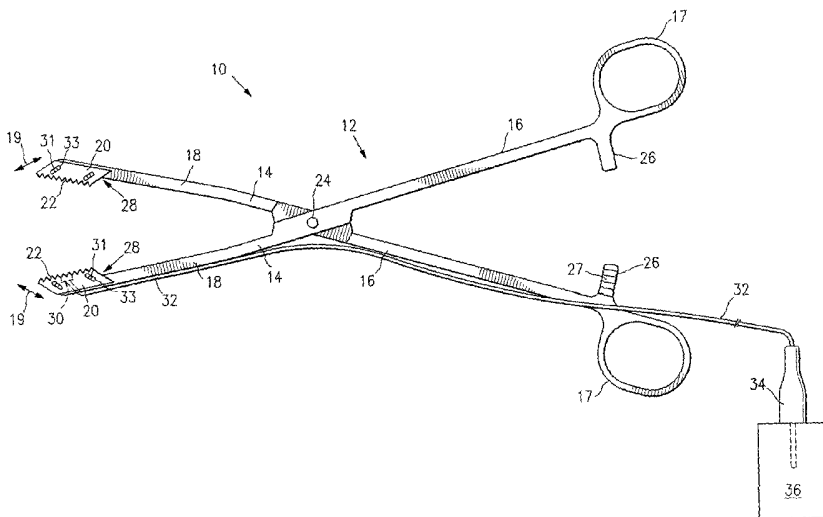
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(54) Title: VASCULAR CLAMP FOR CEASARIAN SECTION



(57) Abstract: The invention provides devices, systems and methods for clamping arteries which are useful in reducing or abolishing blood flow in an artery, and may be used to control hemorrhage flowing a caesarian delivery. A clamping device embodying features of the invention includes a pair of clamping members with opposed pressure-applying members having facing pressure-applying surfaces, at least one of which is a yieldable pressure-applying surface. The yieldable pressure-applying surface is preferably resilient. The clamping members are configured to adjust the distance between pressure-applying surfaces, and a blood flow sensor is disposed on at least one of the pressure-applying members to aid in locating the target artery and also to monitor blood flow through the artery. The clamping device is particularly suitable for occluding uterine arteries by compressing the broad ligament which contains the uterine artery and which is connected to the patient's uterus with the arterial clamp.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 17/08
 US CL : 606/151

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. : 606/151, 205-207

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)
 EAST: key words doppler, clamp, ultrasound, occlude

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,299,621 B1 (FOGARTY et al) 09 October 2001 (09.10.2001), see column 2, lines 35-64.	1, 3, 4, 5, 6, 13, 16, 17, 18, 19, 20 ----- 14-15, 21-22
Y	US 20030018270 A1 (MAKIN et al) 23 January 2003 (23.01.2003), page 3, paragraphs 40, 41.	2
Y	US 2002/0183771 A1 (BURBANK et al) 05 December 2002 (05.12.2002), see Abstract of the Disclosure.	2, 7, 8, 10-12, 23-30
A	US 20020188306 A1 (BURBANK et al) 12 December 2002 (12.12.2002), see entire document.	1-30

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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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"O" document referring to an oral disclosure, use, exhibition or other means		
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