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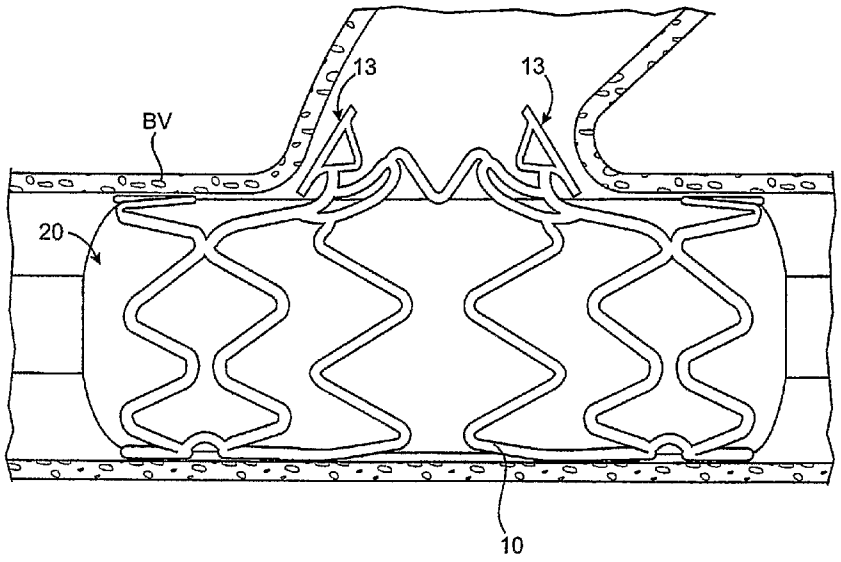
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[Continued on next page]

(54) Title: STENT WITH SELF-DEPLOYABLE PORTION



(57) Abstract: The present invention provides methods and devices for placement of a stent in a bifurcation or ostial lesion. The stent comprises a main body and a flaring portion. The main body is designed to expand and support a main vessel while the flaring portion deploys at least partially in response to expansion of the main body and is designed to open into and support a side branch or bifurcation ostium area. The stent may also comprise a therapeutic agent which can be delivered to a blood vessel.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8): A61F 2/06 (2007.01)
USPC: 623/1.15
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)
USPC: 623/1.15

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)

Electronic data base: USPTO, Google/Patents, Scholar.Google, WEST (PGPGB, USPT, EPAB, JPAB)
Search Terms Used: trap door stent, bifurcated,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,709,440 B2 (CALLOL et al.) 23 March 2004 (23.04.2004) Fig. 4, 40; col 16, ln 53-63; col 17, ln 20-27; col 19, ln 19-67; col 30, ln 62 - col 32, ln 65.	1-14

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"&" document member of the same patent family

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

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