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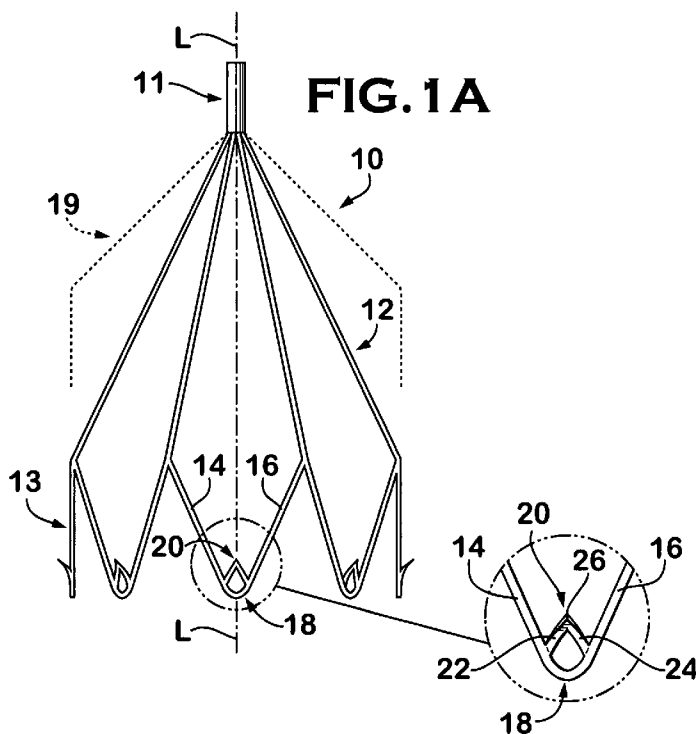
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(54) **Title: IVC FILTER WITH TRANSLATING HOOKS**



(57) **Abstract:** A filter with translating hooks is described. The filter can include strut members having first and second struts connected by a connecting portion. A translating hook is disposed adjacent the connecting portion of the strut members, the hook including a first elongate member attached at one end to the first strut and a second elongate member attached at one end to a second strut, the opposite ends of the elongate members connected together to define a tip. The translating hooks are configured to bend toward a central axis of the filter when the filter is in a collapsed configuration for delivery to a blood vessel, and away from the central axis of the filter when the filter is in an expanded configuration within a blood vessel such that the hooks engage a vessel wall.

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## A. CLASSIFICATION OF SUBJECT MATTER

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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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	US 4,832,055 A (Palestrant) 23 May 1989 (23.05. 1989), see entire patent.	1-33
A	US 3,334,629 A (Cohn) 8 August 1967 (08.08.1967), see entire patent.	1-33



Further documents are listed in the continuation of Box C

**D**

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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