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(54) **Protective coating for bodily sensor**

(57) A device and method for fixation of a sensor in a bodily lumen, in which a sensor support is coupled to a fixation device, which is inserted into a bodily lumen. The fixation device is then secured within the bodily lumen, for example, by expansion or by suturing to the bodily lumen. The fixation device may be a stent or a dedicated anchoring ring having a sensor support cou-

pled thereto. The fixation device may be inserted during an intervention procedure or during a special insertion procedure. The sensor may be remotely interrogated exterior to the bodily lumen periodically or continuously. Furthermore, the sensor may be provided with permanent and/or temporary protective coatings to protect it from damage.

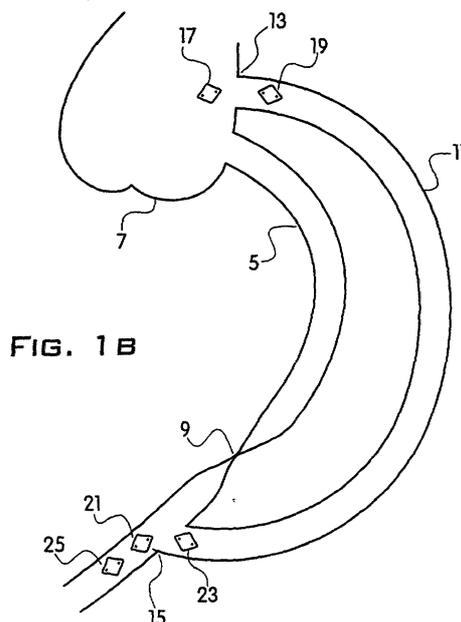


FIG. 1 B



European Patent
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EUROPEAN SEARCH REPORT

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EP 00 11 3140

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Place of search	Date of completion of the search	Examiner	
THE HAGUE	5 November 2001	Manschot, J	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 11 3140

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05-11-2001

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	身体传感器的保护涂层		
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[标]发明人	KAPLAN SHAY		
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优先权	09/354631 1999-07-16 US		
其他公开文献	EP1068836A2		
外部链接	Espacenet		

摘要(译)

一种用于将传感器固定在体腔中的装置和方法，其中传感器支撑件连接到固定装置，该固定装置插入到体腔中。然后将固定装置固定在体腔内，例如，通过扩张或通过缝合到体腔。固定装置可以是支架或专用锚固环，其具有与其连接的传感器支撑件。可以在介入过程期间或在特殊插入过程期间插入固定装置。传感器可以周期性地或连续地在体腔外部远程询问。此外，传感器可以设置有永久和/或临时保护涂层以保护其免受损坏。

