



US005383887A

United States Patent [19]

[11] Patent Number: **5,383,887**

Nadal

[45] Date of Patent: **Jan. 24, 1995**

[54] **DEVICE FOR SELECTIVELY FORMING A TEMPORARY BLOOD FILTER**

[75] Inventor: **Guy Nadal, Poitiers, France**

[73] Assignee: **Celsa LG, Chasseneuil, France**

[21] Appl. No.: **174,358**

[22] Filed: **Dec. 28, 1993**

[30] **Foreign Application Priority Data**

Dec. 28, 1992 [FR] France 92 15774

[51] Int. Cl.⁶ **A61F 2/02; A61B 17/00**

[52] U.S. Cl. **606/200; 606/198**

[58] Field of Search **606/108, 194, 195, 198, 606/200; 604/104, 106; 623/1**

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Primary Examiner—Ralph A. Lewis
Attorney, Agent, or Firm—Pollock, Vande Sande & Priddy

[57] ABSTRACT

The invention relates to a device which can be implanted inside a vessel to form a blood filter there. The device comprises a structure (7) disposed along the axis (3) of a surface of revolution, radially to which axis the structure can be expanded or compressed such that, in its expanded position, it can contact the interior of the vessel. Means (15, 17) for stressing at least a portion of this structure "in situ" are further provided either to move it closer to the axis of the surface of revolution, forming a constriction area for filtering the blood, or to move it away therefrom, thus varying this filtering capacity. Application to temporary filters which can be implanted "for life".

10 Claims, 3 Drawing Sheets

