

[54] ANTI-EMBOLIC FILTER

[75] Inventors: Michel A. Lahille, Vauhalla; Alain J. Dibie, Paris, both of France

[73] Assignee: Biomat, S.A.R.L., Vauhalla, France

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[56] References Cited

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Table with 4 columns: Patent Number, Date, Inventor, and Reference Number. Includes entries for Mobin-Uddin, Kimmell, Jr., Simon, Gianturco, Molgaard-Nielsen et al., Metals, and Palestrant.

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Primary Examiner—Stephen C. Pellegrino
Assistant Examiner—Michael Rafa
Attorney, Agent, or Firm—Laubscher, Presta & Laubscher

[57] ABSTRACT

The filter is particularly for implantation in the interior vena cava by sliding through a small sized catheter of type 7F, so as to arrest the migration of all thrombi of dangerous size. The filter comprises a flexible wire having been subjected to a primitive predeformation into first and second substantially flat superposed loops. The loops are substantially symmetrical respectively with regard to two axes which are substantially orthogonal and convergent at a center of the filter. These loops can be elliptic and inscribed in a square, thus providing four contact points with the venous wall, which are in two-to-two symmetry with regard to the center on the longitudinal axis of the vein, which gives the filter high stability in the vein.

21 Claims, 5 Drawing Sheets

