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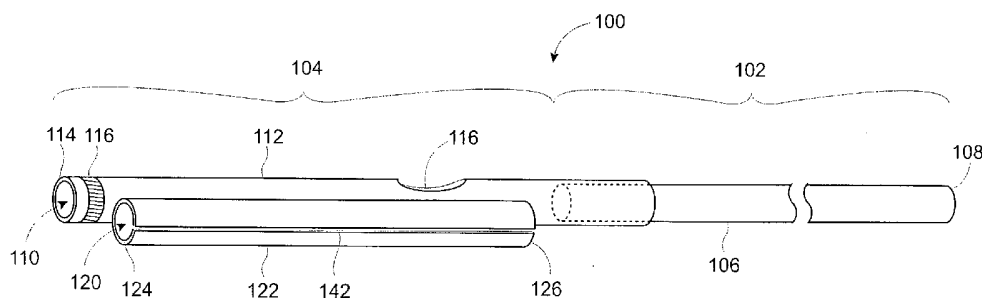
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GUIDEWIRE SEPARATOR DEVICE AND METHOD OF USE



(57) Abstract: A guidewire separator device and methods are described for resolving guidewire entanglement and for introducing guidewires into branch vessels when performing angioplasty or stenting of a bifurcated artery. The device has an elongate tubular distal portion joined to an elongate proximal portion. A first lumen extends through the tubular distal portion of the device, with a first distal guidewire port located near a distal end of the distal portion and a first proximal guidewire port located near a proximal end of the distal portion. A second lumen extends through the tubular distal portion of the device, with a second distal guidewire port located near a distal end of the distal portion and a second proximal guidewire port located near a proximal end of the second lumen. One or both of the lumens may continue through the proximal portion of the device. Optionally, the device includes one or more longitudinal slits to externalize the guidewires from the lumens during withdrawal of device.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/18148

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61M 31/00**( 2006.01),**25/09**( 2006.01)

USPC: 604/103.04

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)

U.S. : 604/103.04

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.
X	US 5,554,118 A (Jang) 10 September 1996 (10.09.1996), see fig 1-34, col 8 line 55 - col 34 line 15.	1-10, 12-13, 15-18.
X	US 5,135,535 A (Kramer) 4 August 1992 (04.08.1992), col 4 line 67 - col 10 lines 66, fig 1 and 5.	1-18

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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