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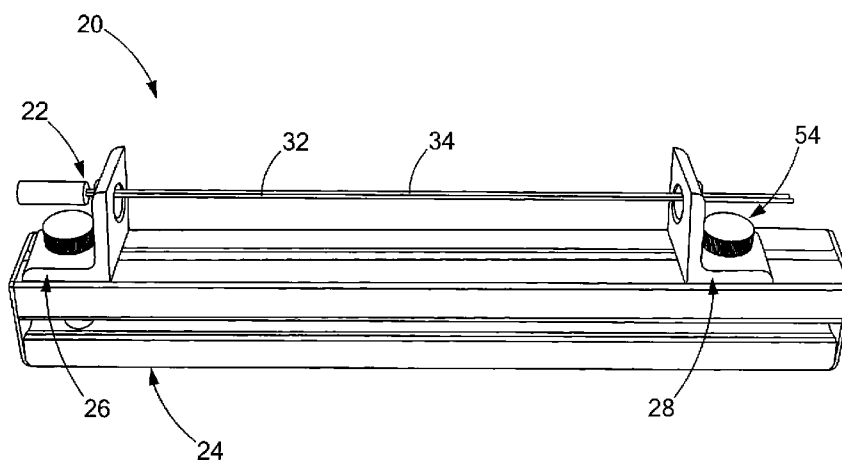


FIG. 1

(57) Abstract: Medical devices and methods are provided for rolling an endoscopic sheet into a tubular configuration. The device comprises a roller (28) an elongated base (24) and first (26) and second (28) fixtures.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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)
A61B A61F

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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 464 403 A (KIETURAKIS MACIEJ J [US] ET AL) 7 November 1995 (1995-11-07) column 2 - column 8; figures -----	1-15
A	US 2008/195121 A1 (ELDAR SAMUEL [IL] ET AL) 14 August 2008 (2008-08-14) paragraph [0035] - paragraph [0048]; figures 3-5 -----	1-15
A	WO 2004/080348 A1 (ELDAR SAMUEL [IL]) 23 September 2004 (2004-09-23) the whole document -----	1-15
A	US 5 263 969 A (PHILLIPS EDWARD H [US]) 23 November 1993 (1993-11-23) the whole document -----	1-15
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>FR 2 735 015 A1 (MICROVAL [FR]) 13 December 1996 (1996-12-13) the whole document</p> <p>-----</p>	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5464403	A	07-11-1995	NONE	
US 2008195121	A1	14-08-2008	EP 2114256 A1	11-11-2009
			WO 2008099382 A1	21-08-2008
			KR 20100014389 A	10-02-2010
WO 2004080348	A1	23-09-2004	NONE	
US 5263969	A	23-11-1993	NONE	
FR 2735015	A1	13-12-1996	WO 9641588 A1	27-12-1996