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(54) Title: SYSTEM AND METHOD FOR COATING BIOMEDICAL WIRES WITH INSULATIVE COATING

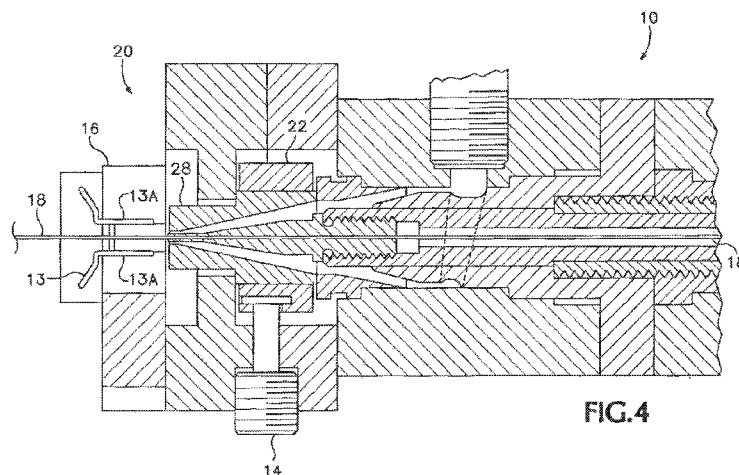


FIG. 4

(57) Abstract: In one embodiment, a method of operating an extruder (10) to coat biomedical wires (18) with insulative material, comprises: feeding a length of biomedical wire (18) through a tip of the extruder (10); providing extrudate, concurrently with the feeding, through an extruder die (28) of the extruder (10), wherein the tip is adjustable relative to the extruder die (28); measuring a back pressure of extrudate behind the tip and extruder die (28) multiple times for multiple locations of the tip relative to the extruder die; selecting a position for the tip relative to the extruder die (28) in relation to a maximum back pressure value determined, in part, by the measuring.



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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
 B29C A61M

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/114118 A1 (PRYSMIAN CAVI SISTEMI ENERGIA [IT]; CASTIGLIONI WALTER [IT]; BALCONI L) 2 November 2006 (2006-11-02) page 24, line 35 - page 26, line 21 page 30, line 25 - page 32, paragraph 19 figures	1-9
A	US 4 708 837 A (BAXTER GORDON D [CA] ET AL) 24 November 1987 (1987-11-24) column 3, line 23 - column 5, line 22 figures 1-3	1-9
A	US 6 814 557 B1 (SWANSON JOHN W [US] ET AL) 9 November 2004 (2004-11-09) cited in the application column 3, line 27 - column 4, line 24 abstract; figures	1-9

 Further documents are listed in the continuation of Box C.

 See patent family annex.

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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
WO 2006114118 A1	02-11-2006	AU 2005330979 A1 BR PI0520072 A2 CA 2605578 A1 EP 1874521 A1 US 2009206509 A1	02-11-2006 18-08-2009 02-11-2006 09-01-2008 20-08-2009

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