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(71) Applicant: **SURMODICS, INC.** [US/US]; 9924 West 74th Street, Eden Prairie, MN 55344-3523 (US).

(72) Inventors: **SHAKED, Yoav**; 1 Hatamar Street, 4069500 Mishmeret (IL). **MEERKIN, David**; 18 Marcus Street, 9223309 Jerusalem (IL). **BENARY, Raphael**; 12 Rekanati street, 6949412 Tel Aviv (IL).

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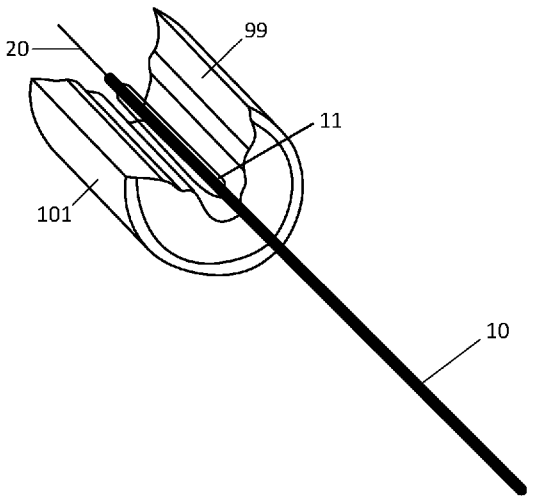


FIG. 1

(57) Abstract: Systems, devices and methods for treating a stenosed vessel or heart valve are disclosed. In some embodiments, a cutting/scoring assembly/device for treating a stenosed vessel/heart valve is provided and includes a main, elongated element (e.g., wires) with multiple longitude wires arranged at a distal end. A distal end of the elongated element is proximal to the multiple longitude wires which, when used in conjunction with a balloon catheter, is used to for, according to some embodiments, localized controlled longitudinal vessel incision.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC - A61B 17/22, A61B 17/221 (2020.01)
CPC - A61B 2017/22061, A61B 17/320725, A61B 2017/22051

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y --- A	US 2013/0041391 A1 (Spencer et al.) 14 February 2013 (14.02.2013) entire document, especially title, abstract.	1-6, 10-19 ----- 7-8 ----- 9, 20
Y --- A	US 2013/0190789 A1 (McGuckin, JR. et al.) 25 July 2013 (25.07.2013) entire document, especially title, abstract.	7-8 ----- 9, 20
A	US 2004/0243158 A1 (Konstantino et al.) 02 December 2004 (02.12.2004) entire document, especially title, abstract.	1-20
A	US 5,176,693 A (Pannek, Jr.) 05 January 1993 (05.01.1993) entire document, especially title, abstract.	1-20
A	US 2015/0100079 A1 (AngioScore, Inc.) 09 April 2015 (09.04.2015) entire document, especially title, abstract.	1-20
A	WO 2018/094077 A1 (CAGENT VASCULAR, LLC) 24 May 2018 (24.05.2018) entire document, especially title, abstract.	1-20

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