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(54) **Title:** MOVABLE DETECTOR AND METHODS FOR INSPECTING ELONGATED TUBE-LIKE OBJECTS IN EQUIPMENT

(57) **Abstract:** The invention relates to an apparatus and a method for inspecting an elongated tube-like object. The apparatus comprises a body (1, 2) for moving along the elongated tube-like object by clamping the object; and a sensor frame (15, 15b, 15c) supporting one or more sensors (20) for measuring a state indication property. One or more one or more body-to-sensor-frame connections (39, 40, 43, 72b, 72c) connect the sensor frame (15, 15b, 15c) to the body (1, 2), wherein the one or more body-to-sensor-frame connections (39, 40, 43, 72b, 72c) are arranged to allow an adjustable relative position between the sensor frame and the body, while the sensor frame can position itself with respect to the tube.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 INV. G01M3/40 G01N21/952
 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)
 G01M G01N F17D

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)
 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 A	US 2010/275694 A1 (ROBERTS DOUGLAS J [US]) 4 November 2010 (2010-11-04) figures 1-2, 5,8 paragraphs [0002], [0006], [0009], [0022] - [0023], [0027], [0025], [0027] -----	1-5,8-12 6,7,13
X A	US 2012/215348 A1 (SKRINDE RICHARD ARTHUR [US]) 23 August 2012 (2012-08-23) paragraphs [0001], [0074] - [0078], [0106], [0128], [0132], [0135], [0151], [0158], [0159], [0162] - [0168], [0228], [0001]; figures 3-10,13,20 -----	1-5,8-13 6,7

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
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