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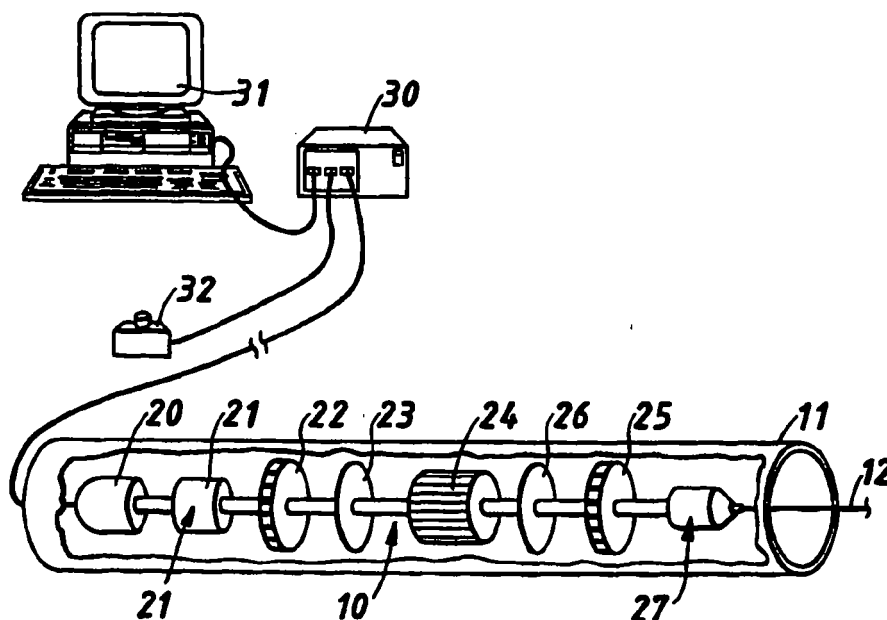
20001207-0
IPOS REF

10/12/02

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G01N 27/90		A1	(11) International Publication Number: WO 99/13326
			(43) International Publication Date: 18 March 1999 (18.03.99)
(21) International Application Number: PCT/GB98/02547			(81) Designated States: AU, BR, CA, CN, CZ, HU, ID, IL, JP, KR, KZ, MX, NZ, PL, RU, SG, SK, UA, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
(22) International Filing Date: 24 August 1998 (24.08.98)			
(30) Priority Data: 9718891.6 8 September 1997 (08.09.97) GB			
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Published With international search report.			
 *162162*			
 *ACTION*			

(54) Title: EDDY CURRENT PIPELINE INSPECTION DEVICE AND METHOD



(57) Abstract

A pipeline inspection vehicle (10) can be towed through a pipeline (11) via cable (12). The vehicle includes a power unit (20), a master processor module (21) and a coil (24) which generates an eddy current field which passes along the pipe. The resultant field is detected by master sensor ring (22) and slave sensor ring (25). Information on amplitude and phase of the detected field together with vehicle orientation information is sent to the base station and hence to computer (31). A distance encoder (32) assists in locating the position of any faults detected.

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