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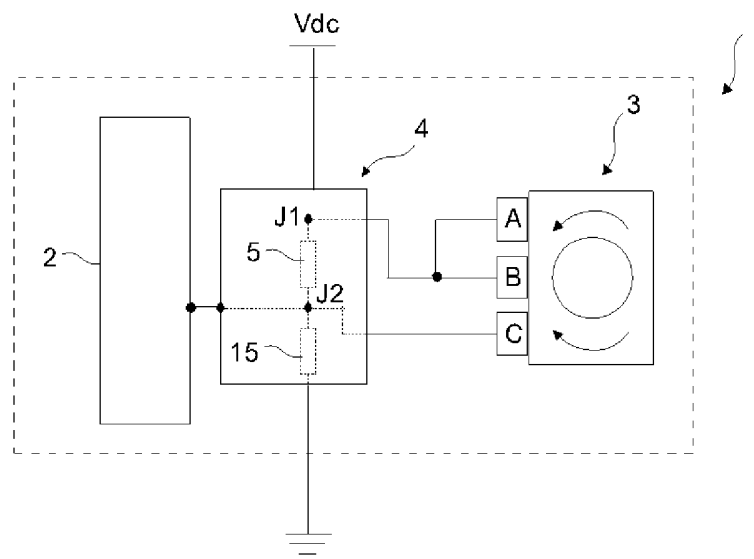
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(54) Title: A ROTARY ENCODER CONTROL CIRCUIT



(57) Abstract: A control circuit (1) comprising a microprocessor (2) and a rotary encoder (3) having at least three output terminals (A, B, C) is characterized by a readout circuit (4) which is situated between the rotary encoder (3) and the microprocessor (2), and which prevents the rotary encoder (3) from taking inaccurate reading by converting the numerical signals received from the rotary encoder (3) into analog signals, and the clockwise and counterclockwise rotations into entirely independent output signals. The control circuit (1) comprises two impedance circuits (5 and 15) which are connected in series to each other, and one of which is earthed. Advantage: The signal reading duration in the microprocessor is reduced.



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INTERNATIONAL SEARCH REPORT

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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)

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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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 103 02 004 A1 (BDT BUERO- UND DATENTECHNIK GMBH & CO. KG) 19 August 2004 (2004-08-19) paragraphs [0002], [0033] - [0051], [0061] - [0074]; claim 1 figures 1-4	1-7
X	DE 24 55 620 A1 (MERK, HANS-DIETER, DIPL.-ING) 26 May 1976 (1976-05-26)	1
A	claims 1,4,5 page 1 - page 2	2-7
X	US 4 046 017 A (HILL ET AL) 6 September 1977 (1977-09-06)	1
A	figure 2 column 2, line 27 - line 33 column 7, line 26 - line 30	2-7



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