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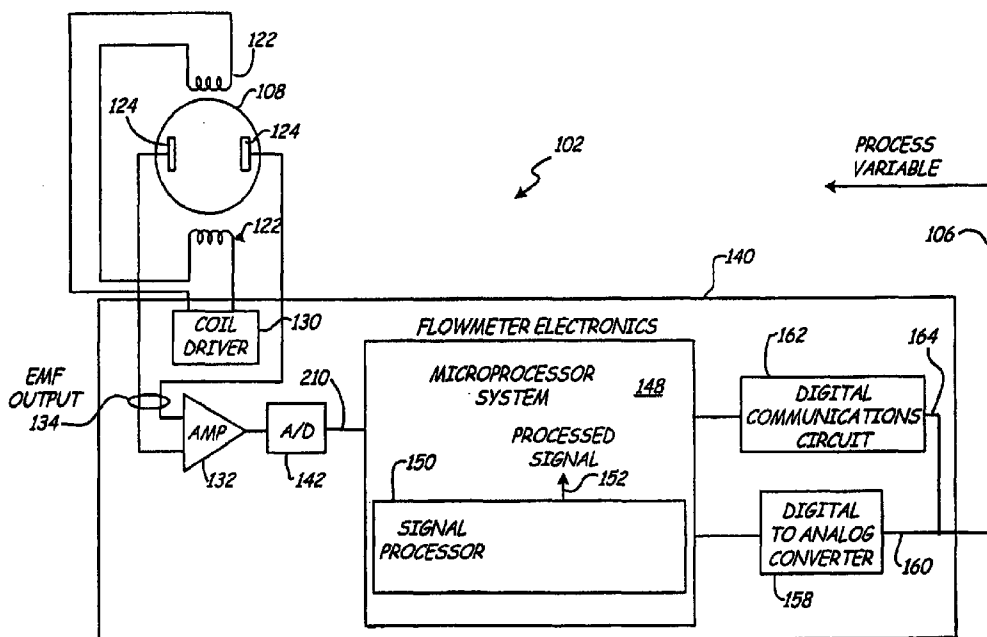
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(54) Title: REDUCED NOISE SENSITIVITY IN MAGNETIC FLOWMETER



(57) Abstract: A magnetic flowmeter (102) for measuring flow of a process fluid includes a coil (122) configured to apply a magnetic field to the process fluid. Electrodes (124) are arranged to sense a fluid voltage signal related to the applied magnetic field and fluid flow. An analog to digital converter (142) provides a digital output comprising a plurality of digital samples related to the sensed fluid voltage signal. Computation circuitry (148) receives the digitized samples and responsively provides an output related to flow.

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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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	WO 2005/001395 A (FLOWTEC AG [CH]) 6 January 2005 (2005-01-06) page 8, line 5 - line 29 page 14, line 27 - page 15, line 6 page 18, line 30 - page 19, line 21; figure 1 page 21, line 16 - page 22, line 27 page 26, line 25 - page 27, line 5 ----- -/--	1-3, 19, 20

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☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	EP 0 225 229 A1 (SEREG SOC [FR]) 10 June 1987 (1987-06-10) column 4, line 17 - column 8, line 28; figure 4 column 9, line 12 - line 42 figures 3,6 -----	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

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