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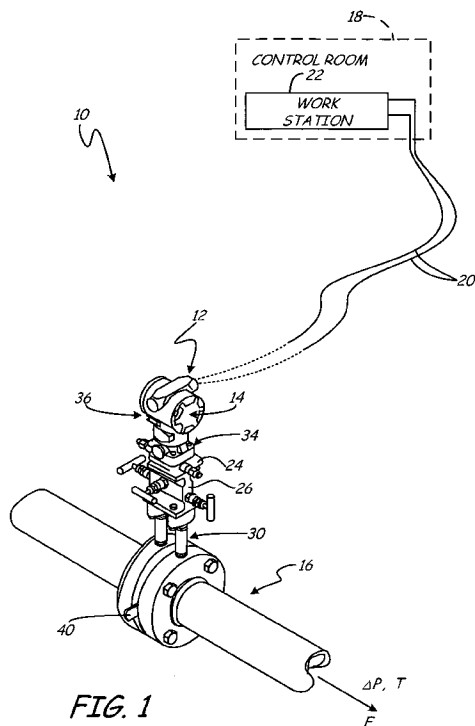
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(54) Title: TRANSMITTER OUTPUT WITH SCALEABLE RANGEABILITY



(57) Abstract: An industrial process transmitter includes a sensing system and transmitter electronics. The sensing system senses a process variable over a range. The transmitter electronics is connected to the sensing system and produces a scaled analog communication signal to communicate the process variable over an analog loop. The range is disproportionately distributed over the scale by the transmitter electronics.





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26 April 2012

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/001211**A. CLASSIFICATION OF SUBJECT MATTER***G01D 21/02(2006.01)i, G01F 1/34(2006.01)i, G01F 1/50(2006.01)i, G01L 19/08(2006.01)i*

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)

G01D 21/02; G01L 7/00; G01L 9/00; G01L 9/12; G01L /16; H04L 27/04; G01P 21/00

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)
eKOMPASS(KIPO internal) & Keywords: saclable, transmitter, pressure, sensor, variables, proportion and similar terms**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6568279 B2 (BEHM, S. M. et al.) 27 May 2003 See the whole document.	1-20
A	US 04748852 A (FRICK, R. L.) 07 June 1988 See the whole document.	1-20
A	US 06047244 A (RUD, JR. S. E.) 04 April 2000 See the whole document.	1-20
A	US 6898980 B2 (BEHM, S. M. et al.) 31 May 2005 See the whole document.	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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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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