

Title (en)
DIGITAL CONVERTER APPARATUS FOR IMPROVING THE OUTPUT OF A TWO-WIRE TRANSMITTER.

Title (de)
DIGITALWANDLERGERÄT ZUR VERBESSERUNG DES AUSGANGS EINES ZWEIDRAHTSENDERS.

Title (fr)
CONVERTISSEUR NUMERIQUE AMELIORANT LES SIGNAUX DE SORTIE D'UN EMETTEUR A DEUX FILS.

Publication
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Application
EP 87906717 A 19870924

Priority
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• US 8702448 W 19870924

Abstract (en)
[origin: WO8802528A1] An existing analog two-wire transmitter (11) has a sensor module (35), and analog circuits (23) which provide an output representative of a sensed process variable, such as pressure, to a two-wire current loop (14). At least portions of the analog circuit (23) are removed and replaced with apparatus including a digital converter (52) that digitally calculates the transmitter output using the same current range in the current loop (14) and calculating corrections for obtaining linearity of the output.

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G08C 19/04; H04M 11/04

IPC 8 full level
G08C 19/02 (2006.01)

CPC (source: EP KR)
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