

Title (en)
DEVICE FOR THE PROCESSING AND WIRELESS TRANSMISSION OF MEASURED VALUES

Publication
EP 0361024 A3 19900509 (DE)

Application
EP 89114037 A 19890729

Priority
DE 3832985 A 19880929

Abstract (en)
[origin: JPH02109199A] PURPOSE: To process and transmit the measured value which has operation certainty by radio by transferring high-frequency pulses from a crystal oscillator to a transmitter when a signal corresponding to the measured value of a P/S converter is supplied to the input terminal of a logic element. CONSTITUTION: A temperature measured value, etc., is processed by a microcomputer 40 and transferred to the transmitter 4 for transmission through the P/S converter 62. At this time, the converter 62 outputs pulses to an output terminal, and as its pulse length and interval, measured values processed by the computer 40 are coded and continuously displayed. The pulses are sent to the input terminal 66 of the logic element 42 through a conductor 65. An AND element is used as the element for positive logic and only when an input terminal 66 has logic 1, i.e., when a signal corresponding to the measured values is supplied, high-frequency pulses from the crystal oscillator 44 are sent from the input terminal 68 to the output terminal 69, so that data are sent out to the transmitter 4.

IPC 1-7
G08C 17/00; **G08C 19/28**

IPC 8 full level
G08C 15/06 (2006.01); **G08C 17/00** (2006.01); **G08C 19/28** (2006.01); **H04B 1/04** (2006.01)

CPC (source: EP US)
G08C 19/28 (2013.01 - EP US)

Citation (search report)
• [A] DE 3340052 A1 19850515 - SIMPROP ELECTRONIC [DE]
• [A] PROCEEDINGS OF THE EIGHTH ANNUAL CONFERENCE OF THE IEEE/ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY, 7.-10. November 1986, Seiten 1544-1546, New York, US; P.H. FRISCH: "Miniaturized Biodynamic response instrumentation system"
• [A] ELECTRONIC DESIGN, Band 35, Nr. 5, März 1987, Seiten 85-87,90-91; C. YAGER: "Data-acquisition system fits on a smart peripheral chip"

Cited by
FR2693068A1

Designated contracting state (EPC)
DE ES FR GB IT SE

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EP 0361024 A2 19900404; **EP 0361024 A3 19900509**; **EP 0361024 B1 19940209**; DE 3832985 A1 19900405; DE 58906936 D1 19940324; JP H02109199 A 19900420; US 5041827 A 19910820

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