

Title (en)  
Telemetry apparatus.

Title (de)  
Fernmessapparat.

Title (fr)  
Appareil de télémesure.

Publication  
**EP 0041856 A1 19811216 (EN)**

Application  
**EP 81302527 A 19810608**

Priority  
US 15809280 A 19800610

Abstract (en)  
The output from a strain gauge bridge 13 on a shaft is transmitted to a fixed detector 27, 29, 31 using only two coupling capacitors 19, 23, and 21, 25, each with a rotating plate 19 or 21 and a fixed plate 23 or 25, by applying the voltage from the bridge to a voltage to frequency converter 15 also mounted on the shaft. The converter 15 provides a square wave signal with frequency proportional to strain. This is received by the detector circuit as a differentiated square wave. A squaring amplifier 29 and frequency to voltage converter 31 reconstitute a voltage proportional to strain.

IPC 1-7  
**G08C 23/00**

IPC 8 full level  
**G08C 17/06** (2006.01)

CPC (source: EP)  
**G08C 17/06** (2013.01)

Citation (search report)  
Instrument Practice, Vol. 23, No. 5, May 1969 London (GB) "Short-Range Telemetry" page 369 \* the whole article \*

Cited by  
AT388061B; EP0298891A3; DE102019007229A1; GB2381075A; GB2381075B

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DOCDB simple family (publication)  
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