

Title (en)  
RADIO TELEMETRY MONITORING SYSTEM

Publication  
**EP 0407776 A3 19910918 (EN)**

Application  
**EP 90111713 A 19900621**

Priority  
US 37993989 A 19890714

Abstract (en)  
[origin: EP0407776A2] A system to monitor an electric fence or a secured area uses radio telemetry to report faults. The radio telemetry transmitter gathers data from a fence charge sensor, battery voltage sensor and/or switch contacts and encodes this information along with a unique address code in a serial data stream that modulates, by frequency shift keying (FSK), a radio frequency (RF) signal. A radio telemetry receiver intercepts the transmitted RF signal and compares the received address code to a preprogrammed unique address code. If code match occurs the received data is transferred to the appropriate displays. Various faults are reported visually and audibly. Fail-safe timers and error detector circuitry in the radio telemetry and transmitter receiver ensure the integrity of the radio telemetry link.

IPC 1-7  
**G08B 25/10**

IPC 8 full level  
**G08B 25/10** (2006.01)

CPC (source: EP)  
**G08B 25/10** (2013.01)

Citation (search report)  
• [X] EP 0107390 A1 19840502 - SENTROL INC [US]  
• [A] US 4220949 A 19800902 - CHILDRESS EVELYN O [US], et al  
• [X] AU 506255 B2 19791220 - LAUBE R  
• [X] WO 8200936 A1 19820318 - HUTCHINSON & SONS PTY LTD NORM [AU], et al  
• [X] PROCEEDINGS OF THE CARNAHAN CONFERENCE ON CRIME COUNTERMEASURES, Kentucky, 6th - 8th April 1977, pages 217-220; J.H. BUDIANSKY: "Portable RF alarm link system"

Cited by  
CN109975304A; DE19712733A1; US6911900B1; US7027416B1; US8929228B2; WO9917477A3; WO0022750A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0407776 A2 19910116; EP 0407776 A3 19910918**; AU 5755490 A 19910117; BR 9003382 A 19910827; CA 2020228 A1 19910115; ZA 904976 B 19920226

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**EP 90111713 A 19900621**; AU 5755490 A 19900618; BR 9003382 A 19900713; CA 2020228 A 19900629; ZA 904976 A 19900626