

Title (en)
IMPROVEMENTS RELATING TO SECURITY ALARM SYSTEMS

Publication
EP 0044725 A3 19820203 (EN)

Application
EP 81303291 A 19810717

Priority
GB 8023674 A 19800719

Abstract (en)
[origin: EP0044725A2] An alarm system uses piezo-electric crystals (2) which when vibrated produce an electrical signal that is used to generate an alarm. Each crystal is in a sensor unit (1) with a latch circuit (13) and an indicator (15), and the threshold at which the alarm triggers latch-on and activates the indicator is adjustable. The latched-on alarm signal in normal use is passed by cable to a remote control module (21), where the actual alarm can be raised. For setting up, the sensor is provided with a periodic power supply from the control module and the alarms (24, 29) are disabled, so that during power-on periods an operator can adjust the sensor threshold without disturbance at the control module. If latching occurs at the wrong level, the subsequent momentary power-off restores the sensor to its primed state, enabling re-adjustment. As well as being responsive to sensor vibration above a set level, an alarm is raised if the cable circuit is broken or short circuited.

IPC 1-7
G08B 13/12; **G08B 13/16**

IPC 8 full level
G08B 13/12 (2006.01); **G08B 13/16** (2006.01)

CPC (source: EP)
G08B 13/126 (2013.01); **G08B 13/1654** (2013.01)

Citation (search report)
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• US 4032909 A 19770628 - BOYCE WILLIAM N
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EP1939828A3; EP0234116A1; US4783801A; FR2778690A1; GB2132804A; US7675413B2; WO8703985A1

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