

Title (en)  
SELF-ADJUSTING ALARM DEVICE WITH LOW ENERGY CONSUMPTION

Title (de)  
SELBSTGEREGELTE ALARMVORRICHTUNG MIT GERINGEM ENERGIEVERBRAUCH

Title (fr)  
DISPOSITIF D'ALARME AUTOREGULE A TRES FAIBLE CONSOMMATION D'ENERGIE

Publication  
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Application  
**EP 01936588 A 20010518**

Priority  
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• FR 0006360 A 20000518

Abstract (en)  
[origin: WO0188870A1] The invention concerns an acoustic pressure sensor (10) delivering an analog signal to first amplifying means (12) and to second amplifying means (14), a first comparator (34) whereof the input + is connected to the output of the second amplifying means and whereof the output delivers a warning signal to alarm means (26, 28) when there is a break-in or an attempt at breaking in, and self-adjusting means comprising a microprocessor (26) programmed to deliver a digital signal at the input - of said first comparator whereof the pulses have a variable width which increases in accordance with the duration and the importance of said atmospheric disturbance so as to automatically increase the alarm device triggering threshold and hence reduce its sensitivity when the acoustic sensor detects an atmospheric disturbance such as wind.

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**G08B 13/16**; **G08B 29/24**

IPC 8 full level  
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