Title (en)

DEVICE FOR DETECTING AN INTRUDER IN A BUILDING OR VEHICLE BY INFRASONIC AND/OR PRESSURE WAVE DETECTION AND METHOD FOR SO DETECTING AN INTRUDER

Title (de)

EINRICHTUNG UND VERFAHREN ZUR EINDRING-DETEKTION IN EINEM GEBÄUDE ODER FAHRZEUG MITTELS INFRASCHALL ODER DRUCKWELLEN

Title (fr)

DISPOSITIF DE DETECTION D'INTRUSION DANS UN BATIMENT OU UN VEHICULE PAR DETECTION D'INFRASONS ET/OU D'ONDES DE PRESSION ET PROCEDE DE DETECTION D'INTRUSION

Publication

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Application

EP 94926262 A 19940831

Priority

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Abstract (en)

[origin: WO9506925A1] Device for detecting an intruder in a building (1) comprising an infrasonic sensor (6) located outside the building, and an infrasonic sensor (4) located inside the building. The device further includes means for dividing the absolute value of the amplitude of a signal supplied by the inside sensor (4) by the absolute value of the amplitude of a signal from the outside sensor (6) after being analyzed and then temporally processed by signal integration. A threshold circuit receiving the signal from the division means detects threshold crossing of the signal from the division means. Means for storing threshold crossing briefly holds the threshold signal. Means for measuring the temporal shift between the signals from both sensors provides a measurement of said shift to an alarm decision means connected to the storage means. The alarm decision means provides, according to the temporal shift measurement, an alarm signal if the storage means provides a threshold crossing signal.

IPC 1-7

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IPC 8 full level

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