

Title (en)
Sonic detector for monitoring intrusions

Title (de)
Körperschallmelder zur Einbruchüberwachung

Title (fr)
Détecteur sonique pour la surveillance d'intrusions

Publication
EP 0726548 B1 20040721 (DE)

Application
EP 95101937 A 19950213

Priority
EP 95101937 A 19950213

Abstract (en)
[origin: EP0726548A1] The detector has a human body noise pick-up (M), essentially a microphone, and the electronic evaluating unit (E). The signals go through an impedance converter (2) to an amplifier (3), another amplifier (4) and then a mixer (5), for mixing with a signal from the oscillator (7). Then, there is a sensitivity regulator (8), and an IF amplifier (9), an A/D converter, a comb filter (11), an integrator (12) and then an alarm relay (14) if the threshold of a comparator (13) is exceeded. The comb filter has two filters (18, 18') forming the mirror arrangement, with the output passing to a minimum stage (19) and its output to the integrator (12).

IPC 1-7
G08B 13/16

IPC 8 full level
G08B 13/16 (2006.01)

CPC (source: EP US)
G08B 13/1672 (2013.01 - EP US); **Y10S 367/901** (2013.01 - EP)

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

DOCDB simple family (publication)
EP 0726548 A1 19960814; EP 0726548 B1 20040721; AU 4219296 A 19960822; AU 693972 B2 19980709; CA 2167624 A1 19960814; CA 2167624 C 20070515; DE 59510930 D1 20040826; ES 2224111 T3 20050301; US 5705985 A 19980106

DOCDB simple family (application)
EP 95101937 A 19950213; AU 4219296 A 19960129; CA 2167624 A 19960119; DE 59510930 T 19950213; ES 95101937 T 19950213; US 60036596 A 19960213