

Title (en)
PERSON LOCATING SYSTEM

Title (de)
LOKALISIERUNGSSYSTEM FÜR PERSONEN

Title (fr)
SYSTEME DE LOCALISATION DE PERSONNES

Publication
EP 1044439 A1 20001018 (EN)

Application
EP 98960671 A 19981203

Priority
• US 9825626 W 19981203
• US 98502797 A 19971204

Abstract (en)
[origin: WO9928881A1] A person locating system (10) for detecting the unauthorized exit of a person from a monitored area (18) and locating the person thereafter, including a boundary transmitter (52) which generates an activation signal that is conducted across a conductor (16) connected to the boundary transmitter (36). The conductor (16) extends along a boundary of the monitored area (18) and transmits the activation signal within an activation zone (15) adjacent the conductor (16). The person to be monitored wears a portable module (22), which remains in a low power consumption, standby mode until the person enters the activation zone (15) adjacent the conductor (16). The portable module (22) receives the activation signal and enters an active mode wherein the portable module (22) transmits a high frequency locator signal (for example, 220 MHz). The locator signal is received by a locator receiver (28), which may be installed in a facility within the monitored area (18). The locator receiver (28) may also be portable so that the person to be monitored can be tracked down and recovered. In an alternate embodiment, the portable modules (22) are encoded with unique identification information which is transmitted as a part of the locator signal. The locator receiver (56) decodes this information and displays the identification of the wearer of the portable module (22) on a display (64).

IPC 1-7
G08B 21/00

IPC 8 full level
G08B 21/02 (2006.01)

CPC (source: EP)
G08B 21/023 (2013.01); **G08B 21/0263** (2013.01); **G08B 21/0288** (2013.01)

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

DOCDB simple family (publication)
WO 9928881 A1 19990610; AT E234492 T1 20030315; DE 69812178 D1 20030417; DE 69812178 T2 20031127; DK 1044439 T3 20030623; EP 1044439 A1 20001018; EP 1044439 B1 20030312; ES 2189280 T3 20030701; PT 1044439 E 20030630

DOCDB simple family (application)
US 9825626 W 19981203; AT 98960671 T 19981203; DE 69812178 T 19981203; DK 98960671 T 19981203; EP 98960671 A 19981203; ES 98960671 T 19981203; PT 98960671 T 19981203