

Title (en)
ULTRASONIC COMMUNICATION AND SECURITY SYSTEM.

Title (de)
ULTRASCHALL-VERBINDUNGS- UND -SICHERHEITSSYSTEM.

Title (fr)
SYSTEME ULTRASONIQUE DE COMMUNICATION ET DE SECURITE.

Publication
EP 0058721 A4 19850701 (EN)

Application
EP 81902786 A 19810820

Priority

- US 18249780 A 19800829
- US 28202981 A 19810709

Abstract (en)
[origin: WO8200910A1] An ultrasonic communication system capable of wireless installation and supervised operation is achieved by communicating each information bit as two distinct ultrasonic frequencies separated in frequency enough to assure that the signal strength of neither will be in a deep null at the receiver at the same time. The transmissions can be frequency coded and/or time coded with a format that recognizes the correct data transmission even if reception of one frequency is lost. By use of transponders (T) and other auxiliary units (PB) with periodic polling by Central Data Unit (CDU), supervised operation throughout a building can be maintained with events such as intrusion, fire or emergency as well as failures of particular units of the system reported.

IPC 1-7
G08B 26/00; **H04Q 7/00**; **G01S 13/74**

IPC 8 full level
G08B 1/00 (2006.01); **G08B 1/08** (2006.01); **G08B 26/00** (2006.01); **G08B 25/00** (2006.01); **H04B 11/00** (2006.01)

CPC (source: EP KR)
G08B 1/00 (2013.01 - EP); **G08B 1/08** (2013.01 - EP); **G08B 13/18** (2013.01 - KR); **G08B 25/003** (2013.01 - EP); **G08B 26/007** (2013.01 - EP); **H04B 11/00** (2013.01 - EP)

Citation (search report)

- [X] US 3422397 A 19690114 - LAGOE JAMES A
- [A] CA 1116284 A 19820112 - SAGI GEORGE S
- [AP] EP 0032981 A1 19810805 - ANT NACHRICHTENTECH [DE]
- [A] DE 2712690 A1 19780928 - LICENTIA GMBH
- [A] US 4160246 A 19790703 - MARTIN STEPHEN M, et al

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
WO 8200910 A1 19820318; CA 1171514 A 19840724; EP 0058721 A1 19820901; EP 0058721 A4 19850701; IT 1143430 B 19861022; IT 8149199 A0 19810828; JP S57501358 A 19820729; KR 830006753 A 19831006; MX 151041 A 19840917

DOCDB simple family (application)
US 8101117 W 19810820; CA 384197 A 19810819; EP 81902786 A 19810820; IT 4919981 A 19810828; JP 50325481 A 19810820; KR 810003241 A 19810829; MX 18895081 A 19810828