

Title (en)

DUAL CHANNEL DUAL SPEED FM SUBCARRIER PAGING SYSTEM

Title (de)

FM-UNTERTRÄGER-PERSONENRUFSYSTEM MIT ZWEI KANÄLEN UND ZWEI GESCHWINDIGKEITEN

Title (fr)

SYSTEME D'APPEL DE PERSONNES A DEUX VITESSES UTILISANT DEUX CANAUX F.M. ET DES SOUS-PORTEUSES

Publication

EP 0832538 A4 20000510 (EN)

Application

EP 96917201 A 19960604

Priority

- US 9608951 W 19960604
- US 47715095 A 19950607

Abstract (en)

[origin: WO9641489A1] The effective transmission range of a wireless paging system is varied by changing the transmission data rate. Signal (31) is transmitted at a fast data rate to receivers (26) in a small transmission range (18) from transmitter (28). Signal (30) is transmitted at a slower data rate so that a receiver (26) can reliably receive messages over a larger transmission range (32) from the transmitter (28) for sparse transmitter coverage. The dual transmission data rates are transmitted either on separate subcarriers on the same FM channel, on the same subcarrier of different FM channels or alternatively on different subcarriers of different FM channels. In a region with dense transmission coverage, the receiver decodes transmission messages at the faster transmission data rate. In regions with sparse transmission coverage, the receiver decodes messages at the slower data rate.

IPC 1-7

H04Q 7/14; H04Q 7/18

IPC 8 full level

H04W 88/02 (2009.01)

CPC (source: EP)

H04W 88/026 (2013.01)

Citation (search report)

- [A] ANDERSON H R ET AL: "A TECHNIQUE FOR DIGITAL INFORMATION BROADCASTING USING SCA CHANNELS", IEEE TRANSACTIONS ON BROADCASTING,US,IEEE INC. NEW YORK, vol. BC-27, no. 4, December 1981 (1981-12-01), pages 65 - 70, XP000762733, ISSN: 0018-9316
- See references of WO 9641489A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

WO 9641489 A1 19961219; AU 5986096 A 19961230; CA 2219215 A1 19961219; CA 2219215 C 20070925; EP 0832538 A1 19980401; EP 0832538 A4 20000510; JP 3805369 B2 20060802; JP H11507187 A 19990622

DOCDB simple family (application)

US 9608951 W 19960604; AU 5986096 A 19960604; CA 2219215 A 19960604; EP 96917201 A 19960604; JP 50139497 A 19960604