

Title (en)

DIGITAL RADIO COMMUNICATION METHOD AND SYSTEM FOR MOBILE GROUND STATION

Title (de)

DIGITAL-FUNKKOMMUNIKATIONSVERFAHREN UND SYSTEM FÜR EINE MOBILE BODENSTATION

Title (fr)

PROCÉDÉ ET SYSTÈME DE RADIOCOMMUNICATION NUMÉRIQUE POUR LES STATIONS SOL MOBILES

Publication

EP 1836782 A1 20070926 (FR)

Application

EP 05794530 A 20051019

Priority

- EP 2005055387 W 20051019
- FR 0413837 A 20041223

Abstract (en)

[origin: FR2880219A1] The system has an antenna (1) and a signal processing device (5) connected to modems (2) and frequency translators (13). The device executes baseband mathematical processes on communication signals derived from the modems and the translators. The mathematical process includes a spectrum-spread modulation of the signal received from the modems and a spectrum-despread demodulation of the signal received from the translators. Independent claims are also included for the following: (A) a use of a digital radio communication system in a fixed or mobile ground station and a concentrator (B) a signal processing method for a radio communication transceiver.

IPC 8 full level

H04B 7/216 (2006.01); **H04B 7/185** (2006.01)

CPC (source: EP US)

H04B 7/216 (2013.01 - EP US)

Citation (search report)

See references of WO 2006069829A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2880219 A1 20060630; FR 2880219 B1 20070223; AU 2005321424 A1 20060706; AU 2005321424 B2 20100930; EP 1836782 A1 20070926; NO 20073799 L 20070924; US 2008274732 A1 20081106; WO 2006069829 A1 20060706

DOCDB simple family (application)

FR 0413837 A 20041223; AU 2005321424 A 20051019; EP 05794530 A 20051019; EP 2005055387 W 20051019; NO 20073799 A 20070720; US 72258105 A 20051019