

Title (en)

WIRELESS DATA TRANSMISSION METHOD, AND CORRESPONDING SIGNAL, SYSTEM, TRANSMITTER AND RECEIVER

Title (de)

VERFAHREN ZUR DRAHTLOSEN DATENÜBERTRAGUNG UND ENTSPRECHENDES SIGNAL, SYSTEM, SENDER UND EMPFÄNGER

Title (fr)

PROCEDE DE TRANSMISSION DE DONNEES RADIO, SIGNAL, SYSTEME, DISPOSITIF D'EMISSION ET DISPOSITIF DE RECEPTION CORRESPONDANTS

Publication

**EP 1595373 A1 20051116 (FR)**

Application

**EP 04710891 A 20040213**

Priority

- FR 2004000344 W 20040213
- FR 0301909 A 20030217
- FR 0309204 A 20030725

Abstract (en)

[origin: FR2851384A1] The method involves implementing a simple carrier pilot signal and transmitting a data transmission signal as per a multiple carrier modulation. Response of a transmission channel is estimated from the transmitted data transmission signal based on the simple pilot signal. A frequency band utilized for the pilot signal on the transmission channel includes a frequency band utilized for the transmission signal. An independent claim is also included for a cellular telecommunication system.

IPC 1-7

**H04L 25/02**

IPC 8 full level

**H04B 1/69** (2011.01); **H04B 1/707** (2011.01); **H04L 25/02** (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP KR US)

**H04B 7/005** (2013.01 - KR); **H04L 25/02** (2013.01 - KR); **H04L 25/0228** (2013.01 - EP US); **H04L 27/24** (2013.01 - KR); **H04L 27/26** (2013.01 - KR); **H04L 27/2602** (2013.01 - EP KR US); **H04L 27/2613** (2013.01 - EP KR US); **H04L 27/2626** (2013.01 - EP KR US); **H04L 27/2647** (2013.01 - EP US)

Citation (search report)

See references of WO 2004077774A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**FR 2851384 A1 20040820**; **FR 2851384 B1 20091218**; EP 1595373 A1 20051116; JP 2006518135 A 20060803; KR 20050105224 A 20051103; RU 2005125448 A 20060227; US 2007104280 A1 20070510; WO 2004077774 A1 20040910

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