Title (en)

Method and device for carrying out flexible demodulation in an OFDM-CDMA system

Title (de)

Verfahren und Einrichtung zum Ausführen einer flexiblen Demodulation in einem OFDM-CDMA-System

Title (fr)

Procédé et dispositif de démodulation souple dans un système OFDM-CDMA

Publication

EP 1949629 A1 20080730 (FR)

Application

EP 06831117 A 20061114

Priority

• FR 2006002519 W 20061114
• FR 0511613 A 20051116

Abstract (en)

[origin: WO2007057558A1] This method for carrying out the flexible demodulation of data modulated following an amplitude modulation in quadrature is used in a communications system employing a code division multiple access technique (CDMA) and an optical frequency division multiplexing (OFDM) using non-binary spread codes. The invention comprises steps (340) consisting of determining a simplified expression specific to the logarithm of the likelihood ratio.

IPC 8 full level

H04L 25/06 (2006.01); **H04L 5/02** (2006.01)

CPC (source: EP US)

H04L 5/0016 (2013.01 - EP US); **H04L 25/067** (2013.01 - EP US); **H04L 27/38** (2013.01 - EP US)

Citation (search report)

See references of WO 2007057558A1

Designated contracting state (EPC)

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