

Title (en)

DATA TRANSMISSION METHOD USING MAPPING ON SIGNAL CONSTELLATION

Title (de)

ABBILDUNG BEZÜGLICH SIGNALKONSTELLATION VERWENDENDEN DATENÜBERTRAGUNGSVERFAHREN

Title (fr)

PROCÉDÉ DE TRANSMISSION DE DONNÉES UTILISANT UN MAPPAGE SUR UNE CONSTELLATION DE SIGNAUX

Publication

EP 2057772 A4 20110427 (EN)

Application

EP 07807979 A 20070807

Priority

- KR 2007003798 W 20070807
- KR 20060074375 A 20060807
- KR 20060106557 A 20061031
- KR 20060107442 A 20061101
- KR 20060115820 A 20061122
- KR 20070016649 A 20070216

Abstract (en)

[origin: WO2008018742A1] The data transmission method includes performing a bit remapping on signal constellation to form a plurality of data symbols, modulating the plurality of data symbols and transmitting the modulated data symbols. By the remapping, it is possible to obtain diversity gain without additional complexity.

IPC 8 full level

H04L 1/18 (2006.01); **H04L 1/00** (2006.01); **H04L 1/06** (2006.01)

CPC (source: EP KR)

H04L 1/0003 (2013.01 - EP KR); **H04L 1/0006** (2013.01 - EP KR); **H04L 1/0026** (2013.01 - EP KR); **H04L 1/0606** (2013.01 - EP KR); **H04L 1/0643** (2013.01 - EP KR); **H04L 1/1812** (2013.01 - EP KR); **H04L 1/1893** (2013.01 - EP KR)

Citation (search report)

- [X] US 2006008031 A1 20060112 - VUMMINTALA SHASHIDHAR [IN], et al
- [XI] WO 2004036817 A1 20040429 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
- [X] WO 2006021228 A1 20060302 - NTT DOCOMO INC [JP], et al
- See references of WO 2008018742A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008018742 A1 20080214; EP 2057772 A1 20090513; EP 2057772 A4 20110427; KR 101253175 B1 20130410; KR 101287272 B1 20130717; KR 101299911 B1 20130823; KR 20080013661 A 20080213; KR 20080013662 A 20080213; KR 20080013682 A 20080213

DOCDB simple family (application)

KR 2007003798 W 20070807; EP 07807979 A 20070807; KR 20060106557 A 20061031; KR 20060107442 A 20061101; KR 20070016649 A 20070216