

Title (en)

DATA TRANSMISSION METHOD USING MAPPING ON SIGNAL CONSTELLATION

Title (de)

ABBILDUNG BEZÜGLICH SIGNALKONSTELLATION VERWENDENDES DATENÜBERTRAGUNGSVERFAHREN

Title (fr)

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

Publication

EP 2057772 A1 20090513 (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)

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

Designated extension state (EPC)

AL BA HR MK RS

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