

Title (en)
COMMUNICATION SYSTEM AND METHOD

Title (de)
KOMMUNIKATIONSSYSTEM UND VERFAHREN

Title (fr)
SYSTEME ET PROCEDE DE COMMUNICATION

Publication
EP 1966919 A2 20080910 (EN)

Application
EP 06711343 A 20060326

Priority
• IL 2006000374 W 20060326
• IL 16767705 A 20050325

Abstract (en)
[origin: WO2006100683A2] In a system like CDMA, SC, OFDM, OFDMA, etc., a new method is disclosed for computing and using the parameter d for all blocks. The Bit Interleaver uses a constant parameter (named "d", and it equals for example 16 in 802.16), in order to perform its inner permutations. Improved performance is achieved by manipulating the "d" parameter of the formula per modulation and encoded block, using data from a table. An example applicable with the current 802.16d (2004) for the "d" parameter is also disclosed.

IPC 8 full level
H04J 7/00 (2006.01); **H04L 1/00** (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP KR US)
H04J 4/00 (2013.01 - EP US); **H04J 7/00** (2013.01 - KR); **H04L 1/0071** (2013.01 - EP); **H04L 27/2602** (2013.01 - EP KR US);
H04J 7/00 (2013.01 - EP)

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)
WO 2006100683 A2 20060928; **WO 2006100683 A3 20090430**; EP 1966919 A2 20080910; EP 1966919 A4 20120509;
JP 2008537860 A 20080925; KR 20080016541 A 20080221

DOCDB simple family (application)
IL 2006000374 W 20060326; EP 06711343 A 20060326; JP 2008502562 A 20060326; KR 20077024494 A 20071024