

Title (en)
IMPROVED PACKET EFFICIENCY FOR BLOCK TRANSMISSION SIGNALS METHODS AND SYSTEMS

Title (de)
ERHÖHTE PAKETEFFIZIENZ FÜR BLOCKÜBERTRAGUNGSSIGNAL-VERFAHREN UND -SYSTEME

Title (fr)
RENDEMENT DE PAQUET AMÉLIORÉ POUR DES SIGNAUX, procédés et systèmes DE TRANSMISSION EN BLOC

Publication
EP 2039099 A2 20090325 (EN)

Application
EP 07789787 A 20070622

Priority
• IB 2007052435 W 20070622
• US 81759006 P 20060628

Abstract (en)
[origin: WO2008001293A2] A communication device configured for the use of transporting a communication signal having a specialized preamble allowing for increased bandwidth efficiency is disclosed. The communication device includes a first device configured to manipulate a block transmission scheme, such as OFDM or SCBT signal, having a block size equal to N, wherein N is an integer greater than 1, wherein the block transmission signal has a preamble with a symbol configuration such that a percentage of all symbols of the preamble can each be used for all of frequency offset estimation, clock synchronization and channel estimation.

IPC 8 full level
H04L 25/02 (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP KR US)
H04L 27/26 (2013.01 - KR); **H04L 27/2613** (2013.01 - EP KR US); **H04L 25/0224** (2013.01 - EP); **H04L 27/2655** (2013.01 - EP)

Citation (search report)
See references of WO 2008001293A2

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 2008001293 A2 20080103; WO 2008001293 A3 20080221; AU 2007263424 A1 20080103; BR PI0713383 A2 20120313; CA 2656184 A1 20080103; CN 101480009 A 20090708; EP 2039099 A2 20090325; JP 2009543408 A 20091203; KR 20090028727 A 20090319; MX 2008015533 A 20090113; RU 2009102645 A 20100810; TW 200814643 A 20080316

DOCDB simple family (application)
IB 2007052435 W 20070622; AU 2007263424 A 20070622; BR PI0713383 A 20070622; CA 2656184 A 20070622; CN 200780024360 A 20070622; EP 07789787 A 20070622; JP 2009517535 A 20070622; KR 20087031575 A 20081226; MX 2008015533 A 20070622; RU 2009102645 A 20070622; TW 96122892 A 20070625