

Title (en)

METHODS AND SYSTEMS FOR CHOOSING CYCLIC DELAYS IN MULTIPLE ANTENNA OFDM SYSTEMS

Title (de)

VERFAHREN UND SYSTEME ZUR AUSWAHL VON ZYKLUSVERZÖGERUNGEN IN MEHRANTENNEN-OFDM-SYSTEMEN

Title (fr)

PROCÉDÉS ET SYSTÈMES PERMETTANT DE CHOISIR DES RETARDS CYCLIQUES DANS DES SYSTÈMES OFDM À ANTENNES MULTIPLES

Publication

**EP 2266247 A2 20101229 (EN)**

Application

**EP 09752534 A 20090225**

Priority

- US 2009035196 W 20090225
- US 3689508 P 20080314
- US 35793509 A 20090122

Abstract (en)

[origin: WO2010011369A2] Certain embodiments of the present disclosure relate to a method to determine appropriate values of cyclic delays applied at a transmitter with multiple antennas in order to provide accurate estimation of channel gains in a multiple-input single-output (MISO) system or multiple-input multiple-output (MIMO) system.

IPC 8 full level

**H04L 5/00** (2006.01)

CPC (source: CN EP KR US)

**H04B 7/0413** (2013.01 - KR); **H04B 7/0667** (2013.01 - KR); **H04B 7/0671** (2013.01 - CN); **H04L 5/0023** (2013.01 - CN EP KR); **H04L 5/0048** (2013.01 - CN EP KR US); **H04L 25/0256** (2013.01 - KR); **H04L 27/2613** (2013.01 - CN EP US); **H04L 27/26134** (2021.01 - KR)

Citation (search report)

See references of WO 2010011369A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2010011369 A2 20100128**; **WO 2010011369 A3 20100520**; BR PI0908916 A2 20180214; CA 2714455 A1 20100128; CA 2714455 C 20130709; CN 101939943 A 20110105; CN 106506054 A 20170315; EP 2266247 A2 20101229; JP 2011517518 A 20110609; JP 5579626 B2 20140827; KR 101200510 B1 20121113; KR 20100124329 A 20101126; RU 2010141988 A 20120420; RU 2471298 C2 20121227; TW 201014234 A 20100401; TW I482445 B 20150421

DOCDB simple family (application)

**US 2009035196 W 20090225**; BR PI0908916 A 20090225; CA 2714455 A 20090225; CN 200980104602 A 20090225; CN 201611067209 A 20090225; EP 09752534 A 20090225; JP 2010550736 A 20090225; KR 20107022986 A 20090225; RU 2010141988 A 20090225; TW 98108098 A 20090312