

Title (en)
TRANSMISSION OF INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

Title (de)
ÜBERTRAGUNG VON INFORMATIONEN IN EINEM DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)
TRANSMISSION D'INFORMATIONS DANS UN SYSTÈME DE COMMUNICATION SANS FIL

Publication
EP 2497195 A1 20120912 (EN)

Application
EP 10829245 A 20101108

Priority

- US 25893409 P 20091106
- US 86062410 A 20100820
- US 2010046213 W 20100820
- US 2010055864 W 20101108

Abstract (en)
[origin: WO2011057211A1] Methods, devices, and systems for the transmission of information in a wireless communication system are disclosed. In one embodiment, a method of transmission in a wireless communication system comprises determining by a wireless device (201) a configuration of a plurality of power amplifiers (207) to achieve a single antenna transmission mode; amplifying a signal by said wireless device (201) using the configuration of the plurality of power amplifiers (207) to form a plurality of amplified signals; simultaneously transmitting at or about the same time by the wireless device (201) to a base station (202) the plurality of amplified signals from a plurality of physical antennas (212), wherein the plurality of physical antennas (212) are coupled to the configuration of the plurality of power amplifiers (207); and wherein the measured transmit power from the totality of the plurality of physical antennas (212) is about the same as the required transmit power using the single antenna transmission mode.

IPC 8 full level
H04B 7/02 (2006.01); **H04B 7/06** (2006.01); **H04W 52/36** (2009.01); **H04W 52/42** (2009.01); **H04W 52/52** (2009.01)

CPC (source: EP)
H04B 7/0613 (2013.01); **H04B 7/0693** (2013.01); **H04B 17/103** (2015.01); **H04L 5/0023** (2013.01); **H04L 5/0051** (2013.01); **H04L 5/0053** (2013.01); **H04W 52/367** (2013.01); **H04W 52/42** (2013.01); **H04W 52/52** (2013.01)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011057211 A1 20110512; AU 2010314894 A1 20120524; AU 2010314894 B2 20140703; AU 2010314894 B8 20140717; BR 112012010768 A2 20190924; CA 2779008 A1 20110512; CA 2779008 C 20201020; CN 102771058 A 20121107; EP 2497195 A1 20120912; EP 2497195 A4 20140709; EP 2858262 A1 20150408; EP 2858262 B1 20190220; EP 3499734 A1 20190619; ES 2727289 T3 20191015; HU E043454 T2 20190828; JP 2013510470 A 20130321; MX 2012005221 A 20120801; PL 2858262 T3 20190830

DOCDB simple family (application)
US 2010055864 W 20101108; AU 2010314894 A 20101108; BR 112012010768 A 20101108; CA 2779008 A 20101108; CN 201080060666 A 20101108; EP 10829245 A 20101108; EP 14191736 A 20101108; EP 19155258 A 20101108; ES 14191736 T 20101108; HU E14191736 A 20101108; JP 2012537244 A 20101108; MX 2012005221 A 20101108; PL 14191736 T 20101108