Title (en)

ACCESS POINT AND TERMINAL COMMUNICATIONS

Title (de)

ZUGANGSPUNKT UND ENGERÄT-KOMMUNIKATIONEN

Title (fr)

POINT D'ACCÈS ET COMMUNICATIONS DE TERMINAL

Publication

EP 2449807 A4 20150422 (EN)

Application

EP 10793467 A 20100702

Priority

- CA 2010000997 W 20100702
- US 22268009 P 20090702

Abstract (en)

[origin: WO2011000090A1] Aspects of the present invention provide a multi-band hybrid Gigabit wireless communication system which is enabled by a number of different complementary access technologies to realize ubiquitous hyper-connectivity, true broadband, seamless operation and low power consumption. The system is capable of serving fixed, nomadic and mobile scenarios. The multi-band wireless system is a low power wireless system which operates m different frequency bands covering the spectrum from radio wave to optical wave by making use of both regulated bandwidths and unregulated bandwidths. Using low power distributed antenna and low power indoor and outdoor antennas enables the use of unregulated bandwidths as well as regulated bandwidths as the low power nature of the signals reduces the possibility of interference with the regulated use of the signals.

IPC 8 full level

H04W 16/26 (2009.01); **H04B 10/114** (2013.01)

CPC (source: BR EP KR)

H04B 7/2606 (2013.01 - KR); **H04B 10/1149** (2013.01 - EP KR); **H04B 10/116** (2013.01 - KR); **H04W 16/26** (2013.01 - BR EP KR); H04B 10/1149 (2013.01 - BR); Y02D 30/70 (2020.08 - EP)

Citation (search report)

- [XA] US 2006105705 A1 20060518 - MACA GREGORY A [US], et al
- [XY] US 2003054763 A1 20030320 - JUDD MANO D [US], et al
- [Y] US 2002055371 A1 20020509 - ARNON SHLOMI [IL], et al
- See references of WO 2011000090A1

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011000090 A1 20110106; BR 112012000027 A2 20160315; BR 112012000027 B1 20210427; CA 2767118 A1 20110106; CA 2767118 C 20181023; CN 102714801 A 20121003; CN 102714801 B 20160330; EP 2449807 A1 20120509; EP 2449807 A4 20150422; JP 2013527630 A 20130627; JP 5662437 B2 20150128; KR 101720816 B1 20170330; KR 20120054010 A 20120529; RU 2012102479 A 20130810; RU 2548667 C2 20150420

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