

Nicolas Vargas

Title: MULTICHANNEL AUDIO DISTRIBUTION SYSTEM HAVING PORTABLE RECEIVERS

Abstract: Source: US6300880B [EN] A multichannel switched communication system having a plurality of communication channels, with a plurality of information records stored in a database relating to a plurality of identified objects; a database server system for selectively accessing information records based on a selection criteria; a common input, receiving the selection criteria associated with an identification of a receiver, the selection criteria including object identification information; and a multichannel distribution system capable of simultaneously **transmitting** a plurality of information records, for **transmitting** the selectively accessed information record to the identified receiver. A plurality of mobile receivers each receives a desired broadcast on one of a plurality of channels. A bar code scanner associated with a mobile receiver identifies desired information record for retrieval. An infrared or radio frequency communication system may be provided for **transmitting** control data from the mobile receiver.

Classifications:

International (IPC 8-9): G06F17/30 H04L29/06

H04L29/08 (Advanced/Invention);

H04L29/08 (Advanced/Non-invention);

G06F17/30 H04L29/06 H04L29/08 (Core/Invention);

H04L29/08 (Core/Non-invention)

International (IPC 1-7): G06F13/14 G06F17/30 H04Q1/00

CPC: H04L29/06 H04L29/06027 H04L65/80 H04L67/325 H04L67/04

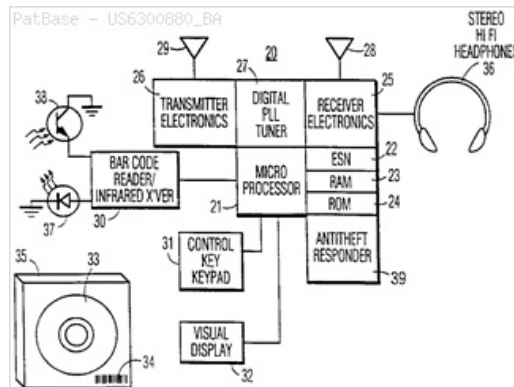
H04L69/14 H04L69/329

European: H04L29/06 H04L29/08N3 H04L29/08N31T T04L29/06C2

T04L29/06H T04L29/08A7

US: 235/375 235/383 235/462.46 340/4.4 340/5.9 340/572.1

340/825.25 705/10 705/14



Family:

Publication number	Publication date	Application number	Application date
DE69716820 D1	20021212	DE19976016820	19970116
DE69716820 T2	20030703	DE19976016820T	19970116
EP0815520 A2	19980107	EP19970900073	19970116
EP0815520 B1	20021106	EP19970900073	19970116
JP11503549 T2	19990326	JP19970525831T	19970116
US6300880 BA	20011009	US19960587191	19960116
WO9726601 A2	19970724	WO1997IB00019	19970116
WO9726601 A3	19970904	WO1997IB00019	19970116

Priority:

US19960587191 19960116 WO1997IB00019 19970116

Probable Assignee: PENDRAGON WIRELESS LLC

Assignee(s): (std): KONINKL PHILIPS ELECTRONICS NV ; PHILIPS ELECTRONICS NV ; PHILIPS ELECTRONICS NA ; PHILIPS NORDEN AB

Assignee(s): PHILIPS ELECTRONICS NORTH AMERICA CORP ; US PHILIPS CORP ; KONINKLIJKE PHILIPS ELECTRONICS N V ; KONINKLIJKE PHILIPS ELECTRONICS N V EINDHOVEN ; PENDRAGON WIRELESS LLC ; PHILIPS ELECTRONICS KONINKLL NV ; PHILIPS ELECTRONICS N V ; IPG ELECTRONICS 503 LTD

Inventor(s): (std): SITNIK ERAN

Designated states: AT BE CH DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE

Title: DISTRIBUTED **WIRELESS** NETWORK EMPLOYING UTILITY POLES AND OPTICAL SIGNAL DISTRIBUTION

Abstract: Source: US2004198453A [EN] Methods and apparatus for providing **wireless** data or voice coverage in a region by employing existing poles as part of a distribution network. Base station equipment is placed in a co-location facility, and then the BTS signals are distributed over a communication network to remote pole locations, where the signal is radiated from antennas mounted on the poles. This coverage can employ various current and future standards, including cellular standards such as GSM, CDMA, and UMTS, and IP data standards such as 802.11a and 802.11b.

Classifications:

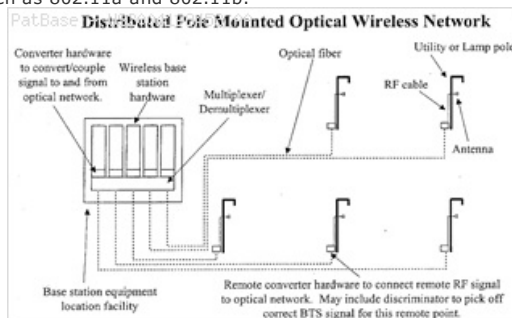
International (ipc 8-9): H04B1/38 H04B10/00 H04M1/00 H04W16/00 H04W88/08 (Advanced/Invention); H04W88/00 (Core/Invention)

International (ipc 1-7): H04M1/00 H04Q

CPC: H04W88/085 H04W88/08

European: H04W288/08 H04W3/04 H04W52/04 H04W88/08 H04W88/08R T04W88/08R

US: 455/561 455/561S 455/562.1 455/562.100P



Family:

Publication number	Publication date	Application number	Application date
AU2003287566 AA	20040630	AU20030287566	20031106
AU2003287566 AH	20040630	AU20030287566	20031106
CA2509601 AA	20050610	CA20032509601	20031106
CA2509601 C	20120904	CA20032509601	20031106
DE60343824 D1	20130613	DE20036043824	20031106
DK1576790 T3	20130722	DK20030781810T	20031106
EP1576790 A2	20050921	EP20030781810	20031106
EP1576790 A4	20110316	EP20030781810	20031106
EP1576790 B1	20130417	EP20030781810	20031106
ES2421750 T3	20130905	ES20030781810T	20031106
SI1576790 T1	20130930	SI20030032282T	20031106
US2004198453 AA	20041007	US20020313927	20021205
WO04054276 A2	20040624	WO2003US35497	20031106
WO04054276 A3	20041223	WO2003US35497	20031106

Priority:

US20020412498P 20020920 US20020313927 20021205 EP20030781810 20031106
WO2003US35497 20031106

Probable Assignee: NEXTG NETWORKS OF CALIFORNIA INC

Assignee(s): (std): CUTRER DAVID ; MANI SANJAY ; NEXTG NETWORKS

Assignee(s): NEXTG NETWORKS ATLANTIC INC ; NEXTG NETWORKS CANONSBURG ; NEXTG NETWORKS INC ; NEXTG NETWORKS OF CALIFORNIA INC ; NEXTG NETWORKS OF ILLINOIS INC ; NEXTG NETWORKS OF NY INC ; UNITED COMMERCIAL BANK

Inventor(s): (std): CUTRER DAVID ; MANI SANJAY ; SANJAY MANI ; DAVID CUTRER

Inventor(s): MANI SANJAY PALO ALTO ; CUTRER DAVID FREMONT

Agent(s): SMART AND BIGGAR; D YOUNG AND CO LLP; MCGOWAN CATHRINE; LINAGE RAFAEL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: ADAPTIVE SCHEDULING WINDOW MANAGEMENT FOR A QUALITY OF SERVICE ENABLED LOCAL AREA NETWORK

Abstract: Source: US2004228281A [EN] A method (600) performed by a packet scheduler of an access point (215) of adaptively resizing a scheduling window in a Quality of Service enabled Local Area Network (200) is disclosed. The packet scheduler schedules data packets for a given duration, termed a scheduling window. The packet scheduler according to an embodiment of the invention adaptively changes the duration of the scheduling window based on the QoS requirements of data packets to be transmitted to and from the access point (215). In particular, the duration of the scheduling window is changed based on the delay requirement of the data packet having the most constraint QoS requirement.

Classifications:

International (IPC 8-9): H04L12/26 H04L12/28 H04L12/56

H04W72/12 (Advanced/Invention);

H04W84/12 (Advanced/Non-invention);

H04L12/26 H04L12/28 H04L12/56 (Core/Invention)

International (IPC 1-7): H04J1/16 H04L12/26

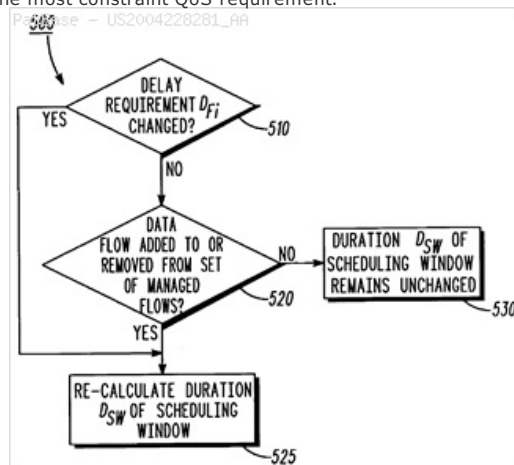
CPC: H04W72/1236 H04W84/12

European: H04W11/26 H04W272/12 H04W36/06 H04W72/12B5D

T04W284/12 T04W50/065 T04W84/12

US: 370/238 370/252 370/252P 370/395.4 370/395.400S 370/447

370/462 370/462S 709/223

**Family:**

Publication number	Publication date	Application number	Application date
EP1623531 A2	20060208	EP20040760874	20040503
EP1623531 A4	20100616	EP20040760874	20040503
EP1623531 B1	20160914	EP20040760874	20040503
US2004228281 AA	20041118	US20030436517	20030513
US6961311 BB	20051101	US20030436517	20030513
WO04102850 A2	20041125	WO2004US13893	20040503
WO04102850 A3	20050127	WO2004US13893	20040503
WO04102850 B1	20050414	WO2004US13893	20040503

Priority:

US20030436517 20030513 WO2004US13893 20040503

Probable Assignee: MOTOROLA SOLUTIONS INC

Assignee(s): (std): MOTOROLA SOLUTIONS INC ; RAAD RAAD ; RAKOTOARIVELO THIERRY ; WARE CHRISTOPHER ; MOTOROLA INC

Assignee(s): MOTOROLA INC A OF STATE OF DELEWAR CORP ; MOTOROLA INC A OF STATE OF DELEWARE CORP

Inventor(s): (std): RAAD RAAD ; RAKOTOARIVELO THIERRY ; WARE CHRISTOPHER

Agent(s): BOULT WADE TENNANT; DANIEL K; MATTHEW C

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: LOW POWER **WIRELESS** DISPLAY TAG SYSTEMS AND METHODS

Abstract: Source: US2005150949A [EN] A low-power system for use with **Wireless** Display Tags (WDTs) includes, in one or more exemplary arrangements, various power management techniques, including receiver wake-up, RF logic sharing, RF repeaters and a frequency doubling power amplifier which operates on the absolute value of the input signal.

Classifications:

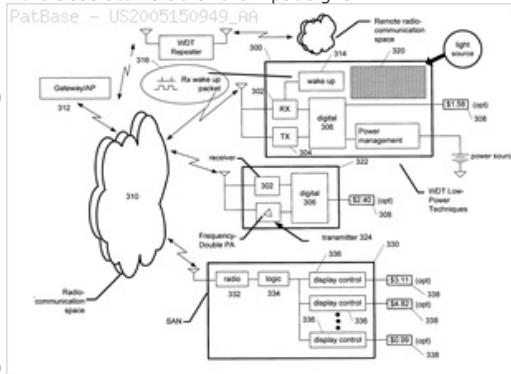
International (IPC 8-9): A47F5/00 B65B1/00 G05B19/00 G06F1/16 G06F17/00 G06F3/14 G06K15/00 G06K17/00 G06K19/00 G06K19/07 G06K19/077 G06K7/01 G06K7/08 G06Q20/00 G06Q20/20 G06Q30/00 G06Q30/02 G06Q50/00 G06Q50/10 G07F17/30 G07F7/00 G07G1/00 G07G1/01 G07G1/14 G08C17/00 G09F3/20 G09G3/00 G09G3/20 G09G5/00 H01P5/12 H03H7/38 H04B1/00 H04B1/44 H04B1/59 H04B10/10 H04B10/105 H04B10/22 H04B5/00 H04B5/02 H04L5/16 H04Q5/22 (Advanced/Invention); B65B1/00 G05B19/00 G06F1/16 G06K15/00 G06K7/08 H04B10/105 H04Q5/00 (Core/Invention)

International (IPC 1-7): G06F1/16 G06F17/60 G06K15/00 G06K19/07 H01P5/12 H04B1/00 H04B1/44 H04L5/16

CPC: G06K19/0701 G06K19/0715 G06K7/0008 G06K7/10475 G09G3/001 G06K19/0707 G06K19/0712 G06K19/0723 G06K19/07703 G09G2380/04 G06Q10/087 G06Q20/201 G06Q30/02 G06Q30/0248 G06Q30/0267 G06Q30/0273 G07G1/01 G06F3/1446 G09G3/2092 G09G2370/16 G09G2360/04 G09G2300/026 G07G1/009 G09F3/208 A47F5/0869 G09F3/204 G09F9/33 G09F13/22 G09F2013/222 G06Q30/06

European: A47F5/08B6 G06K19/077A2 G06K19/07A G06K19/07A4 G06K19/07A6 G06K19/07A9 G06K19/07T G06K7/00E G06K7/10A9G G06Q20/201 G06Q30/02 G06Q30/0248 G06Q30/0267 G06Q30/0273 G06Q30/06 G07G1/00C2R G07G1/01 G09F13/22 G09F3/20E G09F9/33 G09G3/00B S09G380/04

US: 235/375 235/383 235/383P 235/383S 235/385 235/439 235/439P 235/451 235/451S 235/454 235/454S 235/492 333/124 333/124S 333/17.3 333/206 333/32 333/32P 340/10.1 340/10.100S 340/10.3 340/10.300P 340/10.5 340/10.500S 340/10.6 340/10.600S 340/5.91 340/5.910P 340/815.45 340/815.450S 345/1.1 345/1.100P 345/1.3 361/679.01 361/679.010P 361/683 370/296 370/296P 370/311 370/311S 40/5 705/14 705/14.47 705/14.470S 705/14.64 705/14.640S 705/14.69 705/14.690S 705/20



Family:

Publication number	Publication date	Application number	Application date
DE602004046981 D1	20150521	DE200460046981T	20041220
EP1694562 A2	20060830	EP20040815073	20041220
EP1695264 A2	20060830	EP20040815125	20041220
EP1695264 A4	20100825	EP20040815125	20041220
EP1698093 A2	20060906	EP20040815130	20041220
EP1698093 A4	20090902	EP20040815130	20041220
EP1702201 A2	20060920	EP20040815126	20041220
EP1702201 A4	20090902	EP20040815126	20041220
EP1702201 B1	20150408	EP20040815126	20041220
EP1934887 A1	20080625	EP20060803780	20060915
EP1934887 A4	20090819	EP20060803780	20060915
JP2007515898 T2	20070614	JP20060545589T	20041220
JP2007519990 T2	20070719	JP20060545588T	20041220
JP2007521115 T2	20070802	JP20060545578T	20041220
JP2007524934 T2	20070830	JP20060545587T	20041220
JP4795970 B2	20111019	JP20060545587	20041220
JP4809241 B2	20111109	JP20060545588	20041220
JP4865567 B2	20120201	JP20060545578T	20041220
JP5259958 B2	20130807	JP20060545589T	20041220
US2005150949 AA	20050714	US20040019705	20041220
US2005152108 AA	20050714	US20040019978	20041220
US2005152292 AA	20050714	US20040019494	20041220
US2005156030 AA	20050721	US20040019660	20041220
US2005156031 AA	20050721	US20040019916	20041220
US2005162255 AA	20050728	US20040019976	20041220
US2007013479 A2	20070118	US20060521899	20060915
US2007040025 AA	20070222	US20060504262	20060814
US2008203161 AA	20080828	US20080035402	20080221
US2008266022 AA	20081030	US20080111154	20080428
US2010156605 AA	20100624	US20090581502	20091019
US2011169715 AA	20110714	US20110070016	20110323
US2015042540 AA	20150212	US20140525150	20141027
US2016148544 AA	20160526	US20160011468	20160129
US7090125 BB	20060815	US20040019705	20041220
US7369019 BB	20080506	US20040019494	20041220
US7413121 BB	20080819	US20040019916	20041220
US7600681 BB	20091013	US20060504262	20060814
US7604167 BB	20091020	US20040019976	20041220
US8061600 BB	20111122	US20040019978	20041220
US8070062 BB	20111206	US20080035402	20080221
US8313025 BB	20121120	US20090581502	20091019
US8517265 BB	20130827	US20040019660	20041220
US8870056 BB	20141028	US20110070016	20110323
WO05060698 A2	20050707	WO2004US42956	20041220
WO05060698 A3	20070426	WO2004US42956	20041220
WO05060699 A2	20050707	WO2004US42957	20041220
WO05060699 A3	20060323	WO2004US42957	20041220

WO05060700 A2	20050707	WO2004US43009	20041220
WO05060700 A3	20051229	WO2004US43009	20041220
WO05060701 A2	20050707	WO2004US43010	20041220
WO05060701 A3	20061005	WO2004US43010	20041220
WO05060702 A2	20050707	WO2004US43014	20041220
WO05060702 A3	20060323	WO2004US43014	20041220
WO05060710 A2	20050707	WO2004US43173	20041220
WO05060710 A3	20051006	WO2004US43173	20041220
WO07145648 A1	20071221	WO2006US36300	20060915

Priority:

US20030530782P 20031218	US20030530783P 20031218	US20030530789P 20031218
US20030530786P 20031218	US20030530786P 20031218	US20030530785P 20031218
US20030530788P 20031218	US20030530784P 20031218	US20030530793P 20031218
US20030530792P 20031218	US20030530792P 20031218	US20030530789P 20031218
US20030530791P 20031218	US20030530794P 20031218	US20030530819P 20031218
US20030530818P 20031218	US20030530817P 20031218	US20030530816P 20031218
US20030530795P 20031218	US20030530790P 20031218	US20030530820P 20031218
US20030530823P 20031218	EP20040815126 20041220	WO2004US43014 20041220
WO2004US43010 20041220	WO2004US42956 20041220	WO2004US43009 20041220
US20040019976 20041220	US20040019660 20041220	US20040019494 20041220
US20040019705 20041220	US20040019916 20041220	US20040019978 20041220
US20050717956P 20050916	US20050737288P 20051115	US20050737288P 20051116
US20060504262 20060814	US20060521899 20060915	WO2006US36300 20060915
US20080035402 20080221	US20080111154 20080428	US20090581502 20091019
US20110070016 20110323	US20130530823P 20131218	US20140525150 20141027
US20160011468 20160129		

Probable Assignee: ALTIERRE CORP

Assignee(s): (std):	DORFMAN LEONARD MARK ; GOEL ANURAG ; WANG JIH LUNG ; MCDONALD MARK DOUGLAS ; SAXENA SUNIT ; SAXENA ASHWIN ; KUMAR SHAN N ; AL TIERRE CORP ; ALTERA CORP ; ALTIERRE CORP
Assignee(s):	ALTIERRE CORP MONTE SERENO ; VENTURE LENDING AND LEASING IV INC ; SILICON VALLEY BANK ; WHITE OAK GLOBAL ADVISORS LLC ; TRINITY CAPITAL FUND III LP
Inventor(s): (std):	DORFMAN LEONARD M ; DORFMAN LEONARD MARK ; GOEL ANURAG ; KUMAR SHAN N ; KUMAR SHAN NANTHA ; MACDONALD MARK DOUGLAS ; SAXENA ASHWIN ; SAXENA SUNIT ; MCDONALD MARK D ; MCDONALD MARK DOUGLAS ; WANG JIH L ; WANG JIH LUNG
Inventor(s):	MCDONALD MARK DOUGLAS CAMPBELL ; SAXENA SUNIT MONTE SERENO ; WANG JIH ; MCDONALD MARK ; GOEL ANURAG PLEASANTON ; KUMAR SHAN ; DORFMAN LEONARD MARK SANTA CLARA ; DORFMAN LEONARD
Agent(s):	BETTEN AND RESCH PATENT U RECHTSANWAELTE PARTGMBB; BETTEN AND RESCH; HOGG JEFFERY KEITH ET AL; PILLSBURY WINTHROP SHAW PITTMAN LLP; MARYAM IMAM ESQ LAW OFFICES OF IMAM; LAW OFFICES OF IMAM; DLA PIPER US LLP; DLA PIPER LLP US; DLA PIPER LLP; JAMES F; SWERNOFSKY LAW GROUP PC
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: LOAD BALANCING ON SHARED **WIRELESS** CHANNELS

Abstract: Source: US2006142021A [EN] The present invention provides a method and an apparatus for balancing traffic load between a plurality of users on one or more shared **wireless** channels, e.g., from a communication node associated with a network of a plurality of cells including a first and a second cell. The method comprises determining a first indication of traffic load for a first cell and a second indication of traffic load for a second cell on the one or more shared **wireless** channels and redistributing the traffic load on the one or more shared **wireless** channels associated with the first cell and the second cell based on the first indication of traffic load for the first cell and the second indication of traffic load for the second cell. A scheduler, e.g., at a Node B and a decision algorithm at a controller, e.g., a radio network controller may be used in a **wireless** telecommunication system that uses **wireless** channels including a shared channel, a forward access channel, a random access channel, as well as a dedicated channel to switch traffic associated with at least one user of a multiplicity of users on a shared **wireless** channel from a cell to another cell. In this manner, for user equipment, e.g., a Universal Mobile Telecommunications System mobile station, a decision algorithm in a Universal Mobile Telecommunications System Terrestrial Radio Access Network may direct at least a part of the traffic load on a shared channel from a source cell to a target cell by moving a cell border without affecting a traffic load on a dedicated channel.

Classifications:**International (IPC 8-9):** H04B7/26 H04Q7/20 H04W28/08

H04W36/22 H04W36/24 (Advanced/Invention);

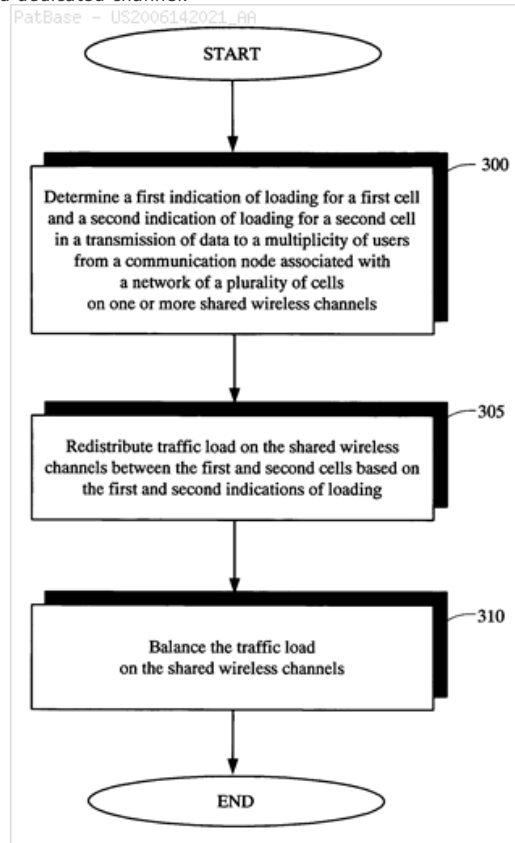
H04B7/26 H04W16/08 H04W36/22 (Advanced/Non-invention);

H04B7/26 H04W36/00 (Core/Invention);

H04W16/00 (Core/Non-invention)

CPC: H04W36/22 H04W16/08**European:** H04W20/148 H04W236/22 H04W36/22 T04W16/08

T04W216/08 T04W8/024L

US: 455/450 455/450S 455/453 455/453P**Family:**

Publication number	Publication date	Application number	Application date
DE602005004495 D1	20080313	DE200560004495T	20051215
DE602005004495 T2	20090702	DE200560004495T	20051215
EP1677564 A1	20060705	EP20050257707	20051215
EP1677564 B1	20080123	EP20050257707	20051215
JP2006191592 A2	20060720	JP20050374132	20051227
JP4904051 B2	20120328	JP20050374132	20051227
KR101236025 B1	20130221	KR20050131942	20051228
KR20060076239 A	20060704	KR20050131942	20051228
US2006142021 AA	20060629	US20040025669	20041229

Priority:

US20040025669 20041229

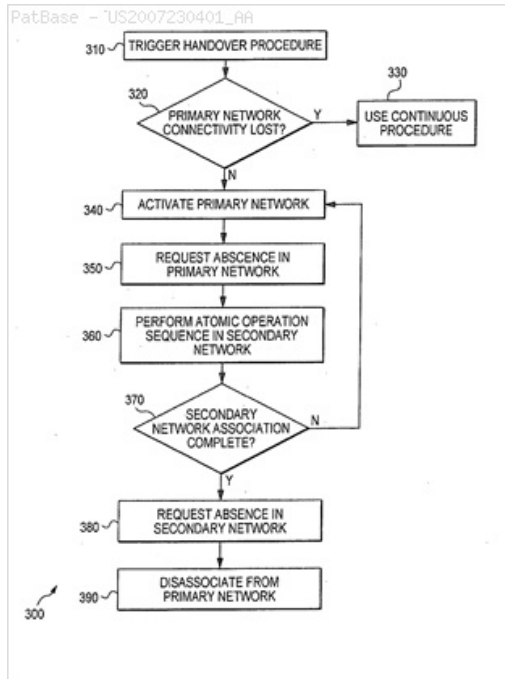
Probable Assignee: LUCENT TECHNOLOGIES INC**Assignee(s):** (std): LUCENT TECHNOLOGIES INC**Assignee(s):** LUCENT TECHNOL INC**Inventor(s):** (std): MUECKENHEIM JENS ; BERNHARD URS PETER ; BERNHARD URS P**Inventor(s):** BERNHARD URS**Agent(s):** SARUP DAVID ALEXANDER ET AL; MOTOMIYA TERUHISA; KATO NOBUAKI; OCHI TAKAO; OKABE MASAO; ASahi NOBUMITSU; USUT SHINICHI; OKABE YUZURU; WILLIAMS MORGAN AND AMERSON**Designated states:** DE FR GB

Title: DEVICE, SYSTEM AND METHOD OF LAYER 2 HANDOVER BETWEEN HETEROGENEOUS NETWORKS

Abstract: Source: US2007230401A [EN] Embodiments of the present invention provide devices, systems and methods of seamless layer 2 handover between heterogeneous networks for a hybrid **wireless** communication device. For example, an apparatus includes a first **wireless** transceiver able to operate in accordance with a first **wireless** communication protocol, a second, collocated, **wireless** transceiver able to operate in accordance with a second **wireless** communication protocol, and possibly **shared radio frequency** components. A method includes a fragmented handover procedure in which a network entry procedure is divided into atomic operations which may be performed during short, orderly, absences from the active network. The method further includes orderly switching back to the active network for any data or connection-management transactions, until the fragmented handover is completed and layer 2 connections are established at the second network. Other features are described and claimed.

Classifications:

International (IPC 8-9): H04B7/26 H04L12/28 H04Q7/00 H04W36/14 H04W4/00 (Advanced/Invention); H04W16/14 H04W36/18 H04W80/00 (Advanced/Non-invention); H04W36/00 (Core/Invention); H04W16/00 H04W80/00 (Core/Non-invention)
CPC: H04W36/0066 H04W36/14 H04W36/18 H04W80/00
European: H04W20/12 H04W236/14 H04W36/18 T04W20/142 T04W216/14 T04W236/18 T04W280/00 T04W36/00P6N T04W36/14 T04W38/00 T04W8/08 T04W80/00
US: 370/328 370/329 370/330 370/331 370/331P 370/332 370/333 455/41.2 455/41.200S 455/436 455/439 455/442



Family:

Publication number	Publication date	Application number	Application date
US2007230401 AA	20071004	US20060394180	20060331
US7697481 BB	20100413	US20060394180	20060331
WO08008102 A1	20080117	WO2007US08429	20070402

Priority:

US20060394180 20060331

Probable Assignee: INTEL CORP

Assignee(s): (std): INTEL CORP ; KAIDAR OREN ; KAIDER OREN ; RAYZMAN GIORA ; RATNER MIRIAM ; RAYZMAN GLORIA ; RATNER MIRI

Inventor(s): (std): KAIDAR OREN ; KAIDER OREN ; RATNER MIRI ; RATNER MIRIAM ; RAYZMAN GIORA ; RAYZMAN GLORIA

Agent(s): PEARL COHEN ZEDEK LATZER LLP; SHILOH ET AL; YONAY GUY ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD FOR ESTABLISHING A PARAMETERIZED **WIRELESS** COMMUNICATION CHANNEL

Abstract: Source: US2009034438A [EN] A method for establishing a parameterized **wireless** communication channel comprises the steps of communicating physical profile data between a first communication (10) device and a second communication device (20), and configuring a parameterized **wireless** communication means (11, 21) in the first and second communication devices in accordance with the physical profile data, so as to establish a traffic communication channel (2) between the first and second communication devices. The physical profile data is communicated on a **wireless** spread spectrum channel (4) having an operational frequency range that overlaps an operational frequency range of the traffic communication channel.

Classifications:

International (IPC 8-9): H04B7/26 H04J3/00 H04L27/26 H04L27/28

H04Q7/38 H04W4/00 H04W48/16 (Advanced/Invention);

H04W28/18 (Advanced/Non-invention);

H04B7/26 H04J3/00 H04L27/26 H04W4/00

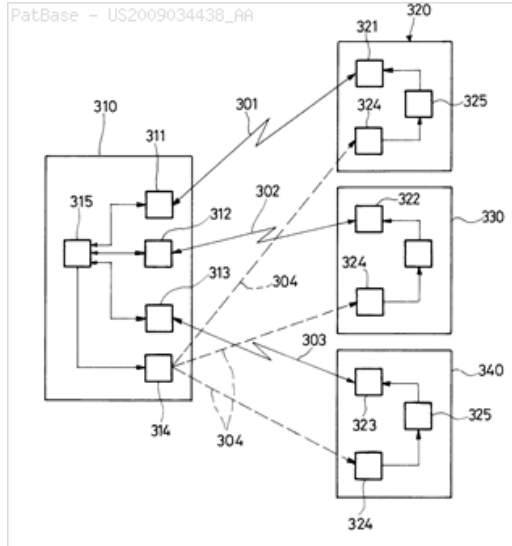
H04W48/00 (Core/Invention);

H04W28/16 (Core/Non-invention)

CPC: H04L5/0092 H04W28/18 H04W48/16

European: H04L5/00E1 H04W48/16 T04W28/18

US: 370/280 370/329 375/260



Family:

Publication number	Publication date	Application number	Application date
AT528942 E	20111015	AT20070301012T	20070502
CN101299744 A	20081105	CN200810096088	20080430
DE602007017753 D1	20111208	DE200760017753T	20070502
EP1988731 A1	20081105	EP20070301012	20070502
EP1988731 B1	20111012	EP20070301012	20070502
US2009034438 AA	20090205	US20080113504	20080501
WO08135517 A1	20081113	WO2008EP55386	20080430

Priority:

EP20070301012 20070502

Probable Assignee: ALCATEL LUCENT

Assignee(s): (std): ALCATEL LUCENT ; ALCATEL LUCENT SA ; SOULIE ANTOINE ; URIE ALISTAIR

Assignee(s): CREDIT SUISSE AG

Inventor(s): (std): ALISTAIR URIE ; ANTOINE SOULIE ; SOULIE ANTOINE ; URIE ALISTAIR

Agent(s): PATENTANWALTE U KNECHT U KOLLEGEN; THIBAUD JEAN BAPTISTE ET AL; KESERIS DENIS; SUGHRUE MION PLLC; THIBAUD JEAN BAPTISTE

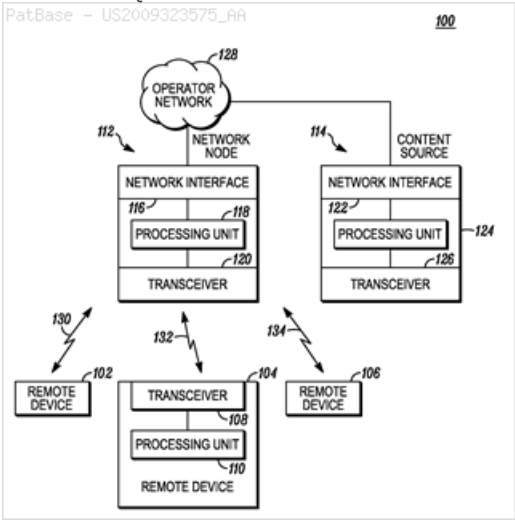
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND APPARATUS FOR MULTICASTING WITHIN A **WIRELESS** COMMUNICATION NETWORK

Abstract: Source: US2009323575A [EN] A number of **uplink transmissions** from multiple remote devices is received. The remote devices correspond to a single network node, and each of the **uplink transmissions** corresponds to a request for content. A subset of remote devices whose **uplink transmissions** correspond to requests for common content is identified and a Quality of Service (QoS) level corresponding to the number of remote devices in the identified subset is determined. The common content is **transmitted** to the single network node at the determined QoS level.

Classifications:

International (IPC 8-9): H04H20/71 H04W4/06 H04W72/08
H04W76/02 (Advanced/Invention);
H04H20/65 H04W4/06 H04W72/00 H04W76/00 (Core/Invention)
CPC: H04W76/10 H04W72/005 H04L12/1886 H04L12/189
European: H04L12/18T H04W72/00B T04L12/18W T04W76/02
US: 370/312 370/312P



Family:

Publication number	Publication date	Application number	Application date
EP2292061 A2	20110309	EP20090770865	20090623
US2009323575 AA	20091231	US20080147809	20080627
WO09158331 A2	20091230	WO2009US48238	20090623
WO09158331 A3	20100325	WO2009US48238	20090623

Priority:

US20080147809 20080627 WO2009US48238 20090623

Probable Assignee: MOTOROLA SOLUTIONS INC

Assignee(s): (std): CHEN ETHAN Y ; HARRIS JOHN M ; ISHTIAQ FAISAL ; LI ZHU ; MOTOROLA INC ; XU HUA

Assignee(s): MOTOROLA SOLUTIONS INC

Inventor(s): (std): CHEN ETHAN Y ; HARRIS JOHN M ; ISHTIAQ FAISAL ; LI ZHU ; XU HUA

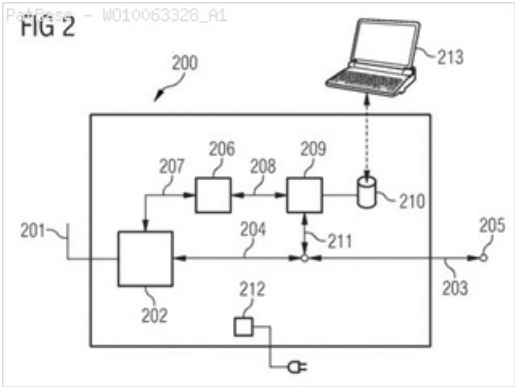
Agent(s): MAIWALD WALTER; MOTOROLA INC; ANOLICK SIMON B ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CONTROLLING TRANSMIT POWER

Abstract: A network apparatus (200) for wireless communication is described. The network apparatus comprises a cell detecting device (206) and a reading device (209). The cell detecting device (206) is adapted for detecting a hidden cell mode. The reading device (209) is adapted for reading at least one power correction value if the cell detecting device (206) has detected the hidden cell mode. The cell detecting device (206) is further adapted for correcting at least one power value of the network apparatus based on the at least one power correction value.

Classifications:
International (IPC 8-9): H04W52/14 (Advanced/Invention);
H04W52/00 (Core/Invention)
CPC: H04W52/146
European: H04W52/14U



Family:

Publication number	Publication date	Application number	Application date
WO10063328 A1	20100610	WO2008EP66939	20081205

Priority:

WO2008EP66939 20081205

Probable Assignee: NOKIA SIEMENS NETWORKS OY

Assignee(s): (std): DILLINGER MARKUS ; NOKIA SIEMENS NETWORKS OY ; SCHWARZBAUER HANNIS JUERGEN

Inventor(s): (std): DILLINGER MARKUS ; SCHWARZBAUER HANNIS JUERGEN

Agent(s): NOKIA SIEMENS NETWORKS OY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEM AND METHODS FOR SENDING AND RECEIVING PAN (PIGGY-BACKED ACK/NACK) SO AS TO AVOID DECODING CONFUSION

Abstract: Source: US2011069669A [EN] There may be ambiguity when ACK/NACK information is **transmitted**. In some cases the ambiguity may arise because a bit may be either a padding bit, or an ACK/NACK bit having the same value as a padding bit. In other cases, the ambiguity may arise where it is unclear whether the ACK/NACK is in respect of a first **transmission** of a data **block**, or a subsequent **transmission** of the same data **block**. Various schemes provided to address this. In some cases, the mobile station is mandated to apply a consistent behaviour. Over time, the network can deduce the behaviour. In some cases the mobile station **transmits** signaling that conveys the behaviour.

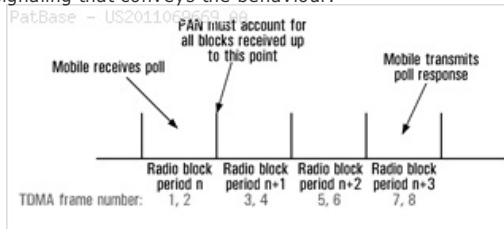
Classifications:

International (IPC 8-9): H04L1/16 H04W72/04 (Advanced/Invention)

CPC: H04L1/1614 H04L1/1664 H04L1/1678

European: H04L1/16F1 H04L1/16F15T T04L1/16F13

US: 370/329 370/329P



Family:

Publication number	Publication date	Application number	Application date
CA2769165 AA	20110317	CA20102769165	20100913
EP2476218 A1	20120718	EP20100752811	20100913
US2011069669 AA	20110324	US20100879822	20100910
WO11029930 A1	20110317	WO2010EP63381	20100913

Priority:

US20090241715P 20090911 US20100879822 20100910 WO2010EP63381 20100913

Probable Assignee: BLACKBERRY LTD

Assignee(s): (std): CONWAY DENNIS ; DWYER JOHANNA LISA ; HOLE DAVID PHILIP ; RESEARCH IN MOTION LTD ; VENKOB SATISH

Assignee(s): RESEARCH IN MOTION UK LTD ; RESEARCH IN MOTION LIMITED ; BLACKBERRY LTD

Inventor(s): (std): CONWAY DENNIS ; DWYER JOHANNA LISA ; HOLE DAVID PHILIP ; VENKOB SATISH

Agent(s): SMART AND BIGGAR; MOORE BARRY; MOORE BARRY ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: TRANSMITTING VIDEO/AUDIO CONTENT FROM A MOBILE COMPUTING OR COMMUNICATIONS DEVICE

Abstract: Source: US2012257117A [EN] Disclosed is a method, circuit and system for facilitating transmission of video and/or audio content from a computing/communications device such as Personal Computer, Cellular Phone, Smart-Phone, Personal Digital Assistant (PDA), Laptop Computer, Tablet, E-Book reader and/or any variation thereof. Video/audio content stored on, generated or received by, or otherwise displayable upon a computing/communications device may be at least partially processed using computational resources (e.g. central processing unit (CPU), graphics processing unit (GPU), digital signal processor (DSP), application processor, etc.) utilized by another application of the device. The video/audio content may be transmitted using one or more communication resources (e.g. Wi-Fi) utilized by another application of the device.

Classifications:

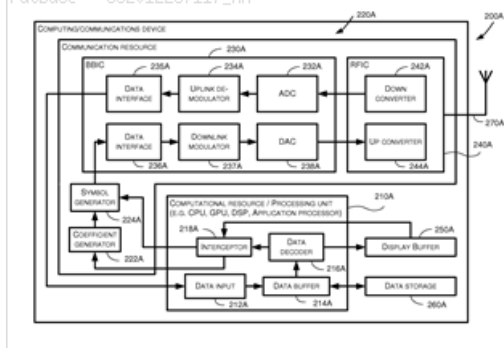
International (IPC 8-9): H04J11/00 H04N5/38 (Advanced/Invention)

CPC: H04N21/2381 H04N21/4363 H04N21/4381

European: H04N21/2381 H04N21/4363 H04N21/438D

US: 348/723 348/E5.093

PatBase - US2012257117_AA



Family:

Publication number	Publication date	Application number	Application date
US2012257117 AA	20121011	US20090500918	20091020
WO11048504 A1	20110428	WO2010IB51181	20100318

Priority:

US20090253151P 20091020

WO2010IB51181 20091020

WO2010IB51181 20100318

Probable Assignee: AMIMON LTD

Assignee(s): (std): AMIMON LTD ; FREUNDLICH SHAY ; REZNIC ZVI

Inventor(s): (std): FREUNDLICH SHAY ; REZNIC ZVI

Agent(s): EITAN MEHUHAL LAW GROUP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CELLULAR **WIRELESS** LAN WITH FREQUENCY DIVISION MULTIPLEX IN TV WHITE SPACE

Abstract: Source: US2011222493A [EN] Systems, methods, and devices for operating a multiplex **wireless** local area network using separated **uplink** and downlink channels in the 802.11 and television white space (TVWS) spectra are disclosed. Opportunistic detection and use of available TVWS frequency channels allows for fixed and mobile **wireless** devices to more efficiently use the available **wireless** bandwidth. By using separated **uplink** and downlink channels, a fixed **wireless** device can listen to incoming **uplink** frames from other mobile and fixed **wireless** devices and monitor for **uplink** frame collisions. In the event of an **uplink** frame collision, the fixed **wireless** device can immediately send a stop frame in the downlink channel to all involved **wireless** devices to avoid lost channel time due to the delay caused by most acknowledgement-based collision recovery protocols. Similarly, communicating mobile and fixed **wireless** devices can **transmit** and receive data frames in both directions simultaneously.

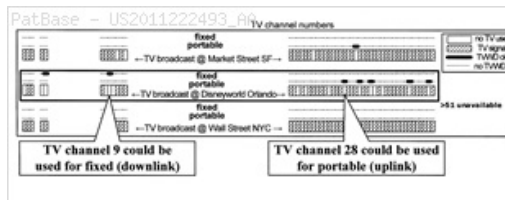
Classifications:

International (IPC 8-9): H04L12/413 H04L27/00 H04L5/00 H04W72/04 H04W74/08 (Advanced/Invention)

CPC: H04W74/08 H04B1/1027 H04L5/0005 H04W16/14 H04W24/00 H04W84/12 H04W84/18 H04B1/0475 H04L5/0053 H04L5/143 H04W28/04

European: H04B1/04L H04B1/10E H04L27/00D H04L5/00C7B H04L5/16 H04W16/14 H04W74/08 T04L5/00A2A T04W24/00 T04W28/04N T04W84/12 T04W84/18

US: 370/329 370/329P 370/445



Family:

Publication number	Publication date	Application number	Application date
EP2365725 A2	20110914	EP20110250300	20110314
EP2365725 A3	20130102	EP20110250300	20110314
US2011222493 AA	20110915	US20110045268	20110310
US8594120 BB	20131126	US20110045268	20110310

Priority:

US20100313683P 20100312 US20100415323P 20101118 US20110045268 20110310

Probable Assignee: WALT DISNEY STUDIOS SCHWEIZ GMBH

Assignee(s): (std): DISNEY ENTPR INC ; GROSS MARKUS ; MANGOLD STEFAN ; GROSS THOMAS ; AIELLO ROBERTO

Assignee(s): DISNEY ENTERPRISES INC ; WALT DISNEY STUDIOS (SCHWEIZ) GMBH ; WALT DISNEY STUDIOS SCHWEIZ GMBH

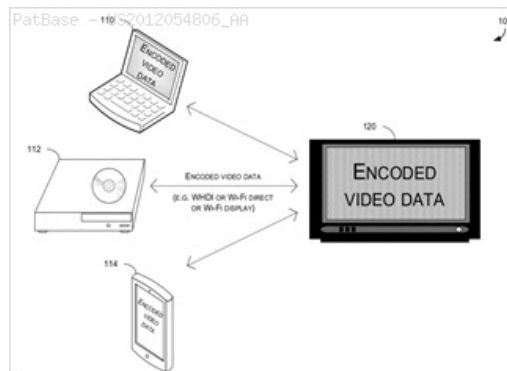
Inventor(s): (std): AIELLO ROBERTO ; DISNEY ENTERPRISES INC ; GROSS MARKUS ; GROSS THOMAS ; MANGOLD STEFAN

Agent(s): COLLINS JOHN DAVID; ROUND EDWARD MARK; KILPATRICK TOWNSEND AND STOCKTON LLP

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

Title: METHODS CIRCUITS AND SYSTEMS FOR **WIRELESS** VIDEO **TRANSMISSION**

Abstract: Source: US2012054806A [EN] Disclosed are methods, circuits and systems for **transmitting** a video stream over a **wireless** data link and devices implementing said methods, circuits and systems. A host device may include a video **transmitter** adapted to **transmit** a video stream via a **shared radio-frequency** (RF) **transmitter**. The video stream may be processed, encoded, edited and/or managed by one or more baseband processor(s) functionally associated with the RF **transmitter** before **transmission**. The video **transmitter** may include a video baseband processing logic (VBBPL) for processing video data and a data baseband processing logic (DBBPL) for processing a plurality of data types. The VBBPL may be adapted to encode raw (i.e. substantially uncompressed) video data and/or append control layer data (e.g. overlay video data) to encoded video.

Classifications:**International (IPC 8-9):** H04N7/18 (Advanced/Invention)**CPC:** H04N21/43637 H04N21/64784**European:** H04N21/4363W H04N21/647P**US:** 725/81 725/81P**Family:**

Publication number	Publication date	Application number	Application date
US2012054806 AA	20120301	US20110219935	20110829

Priority:

US20100377919P 20100828 US20110219935 20110829

Probable Assignee: AMIMON LTD**Assignee(s):** (std): FREUNDLICH SHAY ; GERI NOAM ; NISSAN COHEN YOAV ; PEER OFER ; REZNIC ZVI**Assignee(s):** AMIMON LTD**Inventor(s):** (std): FREUNDLICH SHAY ; GERI NOAM ; NISSAN COHEN YOAV ; PEER OFER ; REZNIC ZVI

Title: SYSTEM AND METHOD FOR DYNAMIC COORDINATION OF RADIO RESOURCES USAGE IN A **WIRELESS** NETWORK ENVIRONMENT

Abstract: Source: US2013003591A [EN] An architecture, system and associated method for dynamic coordination of radio resource usage in a network environment. In one aspect, a method of processing sensory reports of one or more sensing elements in a radio network comprises receiving a sensory report from a sensing element operating in multiple radio access technologies, the sensory report including sensory data associated with multiple radio channels relative to at least one radio element; identifying the sensing element's identity and determining if the sensory report has been tagged with a code generated by a predetermined code generator; responsive to the identifying and the determining, authenticating the sensory report; and correlating the sensory report from the sensing element with at least one of one or more previous sensory reports from the sensing element and one or more previous sensory reports received from another sensing element.

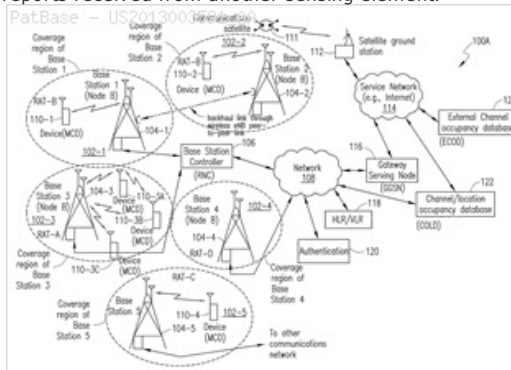
Classifications:

International (IPC 8-9): G01R31/08 H04B15/00 H04B7/15 H04B7/26 H04L12/28 H04W16/14 H04W24/00 H04W24/10 H04W28/02 H04W28/16 H04W36/06 H04W4/00 H04W4/12 H04W4/20 H04W72/04 H04W72/08 H04W84/00 H04W88/04 (Advanced/Invention); H04W24/00 H04W24/10 H04W28/02 H04W84/18 (Advanced/Non-invention)

CPC: H04W28/16 H04W72/0406 H04W88/04 H04W16/14 H04W24/10 H04W28/0231 H04W28/0252 H04W24/00 H04W84/18 H04B7/26 H04W36/06 H04W72/085

European: H04W72/04 T04W24/00 T04W72/00 T04W84/18

US: 1/1 370/241 370/252 370/256 370/329 370/338 370/431 455/11.1 455/452.1 455/509



Family:

Publication number	Publication date	Application number	Application date
CA2808444 AA	20130215	CA20112808444	20110502
CA2808444 C	20170110	CA20112808444	20110502
CA2808472 AA	20130215	CA20102808472	20100923
CA2808472 C	20161011	CA20102808472	20100923
CA2808502 AA	20130215	CA20112808502	20110502
CA2808502 C	20160809	CA20112808502	20110502
CN103119978 A	20130522	CN201180045753	20110502
CN103119978 B	20170804	CN201180045753	20110502
CN103120003 A	20130522	CN201080069232	20100923
CN103120003 B	20160928	CN201080069232	20100923
CN103155625 A	20130612	CN201180045750	20110502
CN103155625 B	20160413	CN201180045750	20110502
EP2620009 A1	20130731	EP20110826265	20110502
EP2620009 A4	20160420	EP20110826265	20110502
EP2620010 A1	20130731	EP20110826266	20110502
EP2620010 A4	20160420	EP20110826266	20110502
EP2620028 A1	20130731	EP20100857413	20100923
EP2620028 A4	20170405	EP20100857413	20100923
TW201218829 A	20120501	TW20110134196	20110922
TW201218830 A	20120501	TW20110134197	20110922
TW201220907 A	20120516	TW20110134199	20110922
TWI458374 B	20141021	TW20110134197	20110922
TWI472252 B	20150201	TW20110134199	20110922
TWI498029 B	20150821	TW20110134196	20110922
US2013003591 AA	20130103	US20120611984	20120912
US2013005240 AA	20130103	US20120612189	20120912
US2013064197 AA	20130314	US20120611757	20120912
US2015327328 AA	20151112	US20150804099	20150720
US8830863 BB	20140909	US20120611984	20120912
US8976677 BB	20150310	US20120611757	20120912
US9088995 BB	20150721	US20120612189	20120912
US9282588 BB	20160308	US20150804099	20150720
WO12037637 A1	20120329	WO2010CA01463	20100923
WO12037669 A1	20120329	WO2011CA50265	20110502
WO12037670 A1	20120329	WO2011CA50266	20110502

Priority:

WO2010CA01463	20100923	CA20112808444	20110502	CA20112808502	20110502
WO2011CA50265	20110502	WO2011CA50266	20110502	US20120611984	20120912
US20120612189	20120912	US20120611757	20120912	US20150804099	20150720

Probable Assignee: BLACKBERRY LTD

Assignee(s): (std): BLACKBERRY LTD ; NOVAK ROBERT ; RESEARCH IN MOTION LTD ; STEER DAVID ; YU DONGSHENG

Assignee(s): STEER DAVID G ; RESEARCH IN MOTION LIMITED

Inventor(s): (std): STEER DAVID GYWN ; YU DONGSHENG ; STEER DAVID ; NOVAK ROBERT ; STEER DAVID G

Agent(s): RIDOUT AND MAYBEE LLP; BRYN JACOBSEN CAELIA; DANAMRAJ LAW GROUP PC; FISH AND RICHARDSON PC

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST

SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: STAND ALONE WIMAX SYSTEM AND METHOD

Abstract: Source: US2012213085A [EN] A WiMAX based system having a base station which communicates to a plurality of consumer premises equipment (CPE) is disclosed. The base station obtains and stores information corresponding to the MAC addresses of each CPE. Messages from one CPE can be sent to the base station and then sent to another CPE using the MAC address stored in the base station. Each CPE may originate an **uplink** multicast message for **transmission** to more than one CPE. When the base station receives the **uplink** multicast message, it broadcasts the multicast message to all of the CPEs identified in the multicast message including the originating CPE. When the originating CPE recognizes the multicast message as a message it originated, the originating CPE drops the multicast message. The CPEs may be grouped into virtual local area networks (VLANs) using group identifiers which permit multicast messages to be **transmitted** to specific groups of CPEs.

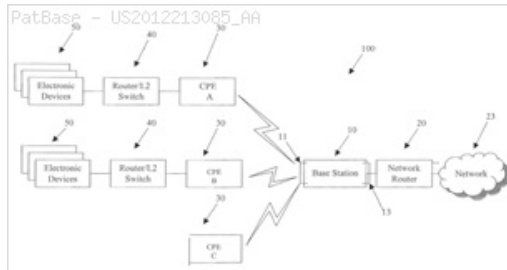
Classifications:

International (IPC 8-9): G06F H04B7/212 H04J3/00 H04L12/28 H04L12/56 H04L12/761 H04W4/00 H04W4/06 H04W72/04 H04W8/26 H04W84/12 (Advanced/Invention); H04J3/00 (Advanced/Non-invention); G06F H04J H04L H04W (Subclass/Invention)

CPC: H04W4/12 H04L61/2069 H04L61/6022 H04L12/185 H04L12/189 H04W4/06 H04W72/005 H04W76/40

European: H04W4/06

US: 370/241 370/241P 370/312 370/312S 370/329 370/337 370/347 370/390 370/442

**Family:**

Publication number	Publication date	Application number	Application date
CA2732181 AA	20120818	CA20112732181	20110218
CA2732181 C	20170829	CA20112732181	20110218
CN102647793 A	20120822	CN201110291084	20110923
CN102647793 B	20161228	CN201110291084	20110923
EP2490465 A2	20120822	EP20110179102	20110826
EP2490465 A3	20141126	EP20110179102	20110826
IL213462 A0	20110831	IL20110213462	20110609
IL213462 A1	20150730	IL20110213462	20110609
IN00799KO2011 A	20160826	IN2011KO00799	20110611
US2012213085 AA	20120823	US20110156527	20110609
US8570987 BB	20131029	US20110156527	20110609

Priority:

CA20112732181 20110218

Probable Assignee: SIEMENS ISRAEL LTD

Assignee(s): (std): GILIN MICHAEL ; KOREN OFIR ; OVADYA KOBI ; RUGGEDCOM INC ; RUGGEDOM INC ; RUGGEDCOM LTD ; SIEMENS ISRAEL LTD

Assignee(s): SIEMENS CANADA LTD

Inventor(s): (std): GILIN MICHAEL ; KOBI OVADYA ; KOREN OFIR ; MICHAEL GILIN ; OFIR KOREN ; OVADYA KOBI

Agent(s): RICHES MCKENZIE AND HERBERT LLP; SMART AND BIGGAR; KLUNKER HANS FRIEDRICH; MAIER DANIEL OLIVER; REINHOLD COHN AND PARTNERS; PEARL COHEN ZEDEK LATZER BARATZ

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

Title: METHOD AND APPARATUS FOR MANAGING COEXISTENCE INTERFERENCE

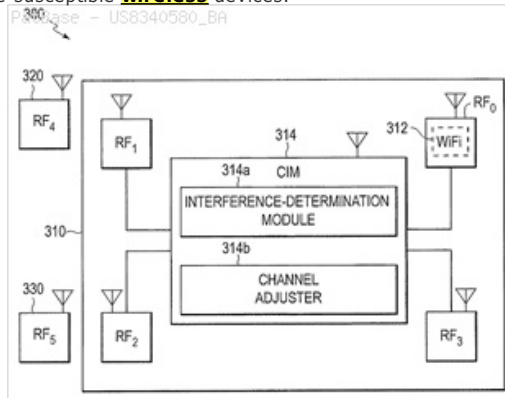
Abstract: Source: US8340580B [EN] The present disclosure provides for a **wireless** device that can include a transceiver that communicates with a network through an access point using a radio frequency (RF) signal on a channel. The RF signal propagates through an RF environment shared by multiple interference-susceptible **wireless** devices. The **wireless** device can also include an interference determination module that 1) detects a coexistence interference profile involving the **wireless** device and the multiple interference-susceptible **wireless** devices and 2) determines a channel change for the transceiver to communicate with the network. The **wireless** device can also include a channel adjuster that changes the channel accordingly to increase the integrity of signals of interference-susceptible **wireless** devices.

Classifications:

International (IPC 8-9): H04B1/00 H04W52/24 (Advanced/Invention);
H04W52/04 (Advanced/Non-invention)

CPC: H04B1/1027 H04W52/243 H04W52/04 H04B1/406

US: 1/1 455/114.2 455/63.1 455/73



Family:

Publication number	Publication date	Application number	Application date
US8340580 BA	20121225	US20080235418	20080922
US9107172 BA	20150811	US20080235169	20080922

Priority:

US20070973896P 20070920 US20070973905P 20070920 US20080235418 20080922
US20080235169 20080922

Probable Assignee: MARVELL INT LTD

Assignee(s): (std): EPSTEIN BRACHA ; MARVELL INT LTD

Assignee(s): MARVELL INTERNATIONAL LTD ; MARVELL ISRAEL MISL LTD

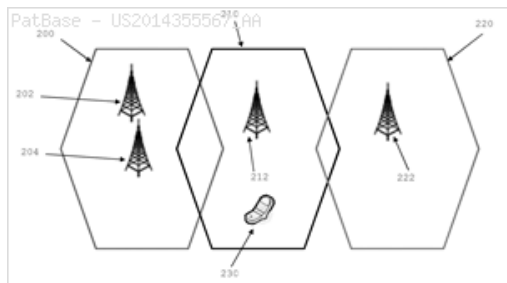
Inventor(s): (std): EPSTEIN BRACHA

Title: RADIO ACCESS NETWORK SHARING

Abstract: Source: US2014355567A [EN] The present invention relates to **wireless** systems, and in particular provides a method of sharing radio resources between a first cell of a first cellular network and a second cell of a second cellular network. Each cell **transmits** using a respective carrier of a different frequency and each cell uses a respective scheduler to allocate **transmissions** to a respective plurality of radio resources. The method comprises identifying a **transmission** for a user attached to the first cell that is available for radio resource allocation by the scheduler of the first cell, where the **transmission** could be made over the second carrier; and interfacing between the scheduler of the first cell and the scheduler of the second cell, so as to allocate radio resources for use by the second cell to the **transmission** for the user attached to the first cell.

Classifications:

International (IPC 8-9): H04J11/00 H04L5/00 H04W16/14
H04W36/00 H04W36/14 H04W72/04 H04W8/02 (Advanced/Invention)
CPC: H04W16/06 H04W36/14 H04W72/0453 H04W88/06 H04L5/001
H04L5/0033 H04L5/006 H04L5/0032 H04W8/02 H04J11/0056
H04W36/0072 H04L5/0073 H04W16/14 H04W92/16 H04W28/16
H04W72/1252 H04W72/04
US: 370/329 370/331

**Family:**

Publication number	Publication date	Application number	Application date
EP2795962 A1	20141029	EP20120806100	20121219
GB201121828 A0	20120201	GB20110021828	20111219
GB201121835 A0	20120201	GB20110021835	20111219
GB2506094 A1	20140326	GB20110021835	20111219
GB2506094 B2	20140723	GB20110021835	20111219
US2014355567 AA	20141204	US20120366988	20121219
WO13093462 A1	20130627	WO2012GB53190	20121219

Priority:

GB20110021828 20111219 GB20110021835 20111219 WO2012GB53190 20121219

Probable Assignee: VODAFONE IP LICENSING LTD**Assignee(s):** (std): VODAFONE IP LICENSING LTD**Assignee(s):** VODAFONE IP LICENSING LIMITED**Inventor(s):** (std): BHAT PRAKASH ; IRMER RALF**Inventor(s):** RALF IRMER ; PRAKASH BHAT**Agent(s):** FERRARA SIMONE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHODS AND APPARATUSES FOR OPTIMIZATION OF MULTIPLE SUBSCRIPTION DEVICE PERFORMANCE

Abstract: Source: US2013303240A [EN] Methods and apparatus of tune away in **wireless** communications include receiving a master information **block** (MIB) from a first subscription network entity on a first subscription in a user equipment (UE). The method further includes determining system information **block** (SIB) scheduling information associated with the first subscription network entity. Moreover, the method includes tuning away from the first subscription to a second subscription.

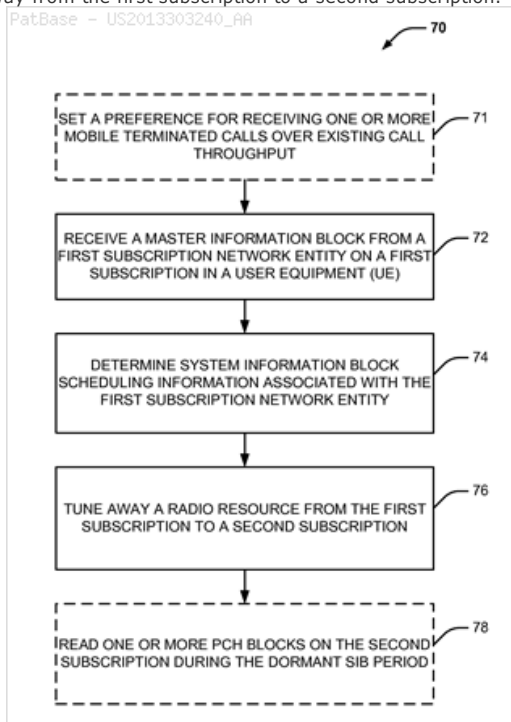
Classifications:

International (IPC 8-9): H04B1/38 H04B1/3816 H04W36/14
H04W4/00 H04W4/16 H04W48/10 H04W48/12 H04W60/00
H04W68/00 H04W68/02 H04W68/12 H04W72/04 H04W88/02
H04W88/06 (Advanced/Invention);

H04W68/00 H04W72/12 H04W76/04 H04W88/06 (Advanced/Non-invention)

CPC: H04W4/16 H04W68/00 H04W88/06 H04W48/10 H04W48/12
H04W68/025 H04W68/12 H04W72/1215 H04W8/18 H04W60/005
H04W48/18 H04W68/02 H04W72/1278 H04B1/3816 H04W4/50
H04W76/28

US: 1/1 455/558

**Family:**

Publication number	Publication date	Application number	Application date
CN104272824 A	20150107	CN201380023773	20130513
CN104272824 B	20160518	CN201380023773	20130513
JP2015517766 T2	20150622	JP20150511800T	20130513
JP5791850 B2	20151007	JP20150511800T	20130513
US2013303240 AA	20131114	US20130831761	20130315
US2015057046 AA	20150226	US20140505037	20141002
US8958847 BB	20150217	US20130831761	20130315
US9294141 BB	20160322	US20140505037	20141002
WO13170255 A1	20131114	WO2013US40760	20130513
WO16053552 A1	20160407	WO2015US47949	20150901

Priority:

US20120645737P 20120511 US20130831761 20130315 WO2013US40760 20130513
US20140505037 20141002

Probable Assignee: QUALCOMM INC

Assignee(s): (std): QUALCOMM INC

Inventor(s): (std): BABBADI VENKATA A NAIDU ; BABBADI VENKATA APPALA NAIDU ; CHALLA NIKHIL ; KRISHNAMOORTHY SATHISH ; KRISHNAMOORTHY SATISH ; MANI DEEPTI ; MUTYA SUBBARAYUDU ; RAYAPATI HEMANTH KUMAR ; SANKA SURESH ; SURAPANENI RAKESH

Agent(s): MICHAEL F; MARBURY LAW GROUP PLLC; HAGLER JAMES T; HANSEN ROBERT ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

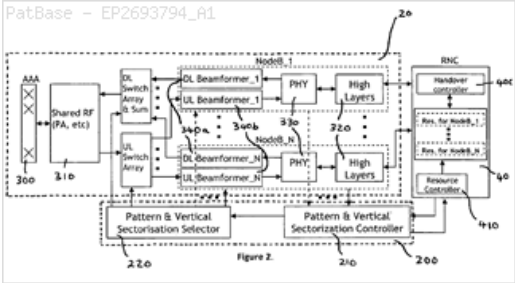
Title: LASTVERTEILUNGSABHAENGIGE DYNAMISCHE ANPASSUNG VON VERTIKALEN SEKTOREN IN EINER FUNKZELLE
DISTRIBUTION DEPENDENT DYNAMIC ADAPTATION OF VERTICAL SECTORS IN A CELL

Abstract: Source: EP2693794A1 [EN] A method of dynamically adapting vertical sectorisation of radio coverage provided within a radio cell supported by a base station in a **wireless** telecommunications network, a computer program product and network management mode operable to perform that method. The method comprises: determining whether the base station is capable of supporting two or more vertical sectors of radio coverage within the radio cell; monitoring an operational characteristic indicative of load in the radio cell supported by the base station to determine whether a predetermined threshold has been passed; and adapting the vertical sectorisation of the radio coverage provided in the radio cell if the base station is capable of supporting two or more vertical sectors of radio coverage within the radio cell and the predetermined threshold has been passed. Aspects described recognise that implementation of dynamic vertical sectorisation within a network may lead to greater overall data traffic throughput.

Classifications:

International (IPC 8-9): H04W16/30 (Advanced/Invention)

CPC: H04W16/30 H04W16/08 H04W16/10 H04W16/28 H04W88/08



Family:

Publication number	Publication date	Application number	Application date
EP2693794 A1	20140205	EP20120360051	20120802

Priority:

EP20120360051 20120802

Probable Assignee: ALCATEL LUCENT

Assignee(s): (std): ALCATEL LUCENT

Inventor(s): (std): KUZMINSKIY ALEXANDR ; RAO ANIL ; YANG JUN

Agent(s): SCRIPT IP LTD

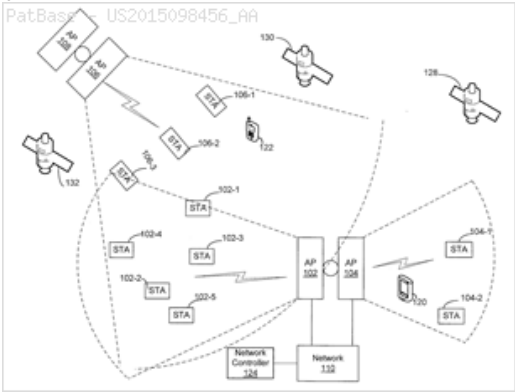
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: MECHANISM FOR **WIRELESS** COMMUNICATION

Abstract: Source: US2015098456A [EN] In a communication system, an access point in communication with one or more stations is configured to shift the start of **transmission** of its downlink data. The access point may automatically shift the **transmission** of the downlink data in response to receiving downlink data **transmitted** by a neighboring access point. Shifting the start of **transmission** of its downlink data permits stations to correctly synchronize to the downlink data. The **transmission** of data may be synchronized to a synchronization event. In some instances, the access point updates its downlink data with a value corresponding to the shift. The access point may not shift the **transmission** of the downlink data if the signal strength of the received downlink data is below a threshold.

Classifications:

International (IPC 8-9): H04J3/00 H04W56/00
H04W88/08 (Advanced/Invention)
CPC: H04W56/0015 H04W56/004 H04W56/00 H04W88/08
H04W56/0045
US: 1/1 370/338



Family:

Publication number	Publication date	Application number	Application date
EP3053391 A1	20160810	EP20140798922	20141003
GB201405534 A0	20140514	GB20140005534	20140327
GB2518922 A1	20150408	GB20140005534	20140327
GB2518922 B2	20160706	GB20140005534	20140327
US2015098456 AA	20150409	US20130046681	20131004
US9253745 BB	20160202	US20130046681	20131004
WO15049543 A1	20150409	WO2014GB53003	20141003

Priority:

US20130046681 20131004 GB20140005534 20140327 WO2014GB53003 20141003

Probable Assignee: CAMBIUM NETWORKS LTD

Assignee(s): (std): CAMBIUM NETWORKS LTD

Assignee(s): SILICON VALLEY BANK

Inventor(s): (std): ASHRAF NUSAIRAT ; BASMAN DAHLEH ; DAHLEH BASMAN ; NUSAIRAT ASHRAF

Agent(s): EIP; BRINKS GILSON AND LIONE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: APPARATUS AND METHOD FOR REDUCING INTERFERENCE IN A **WIRELESS** COMMUNICATION SYSTEM

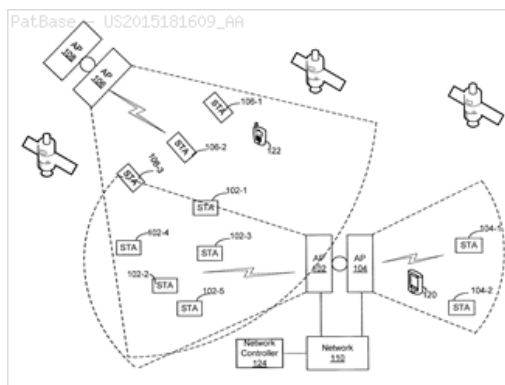
Abstract: Source: US2015181609A [EN] In a communication system, an access point in communication with one or more stations identifies a first subset of **wireless** stations from the set of **wireless** stations. The first subset of **wireless** stations is identified based on RSSI values for radio frequency signals received from each of the stations exceeding an RSSI threshold. The first subset of **wireless** stations is assigned to a first reception window. The access point **transmits** an identifier of each of the subset of **wireless** stations and an identifier of the reception window via the radio frequency channel.

Classifications:

International (IPC 8-9): H04L5/00 H04W4/00 H04W72/04 H04W72/08 H04W72/12 (Advanced/Invention)

CPC: H04W72/082 H04L5/006 H04W72/0426 H04W72/121

US: 370/329



Family:

Publication number	Publication date	Application number	Application date
EP3085186 A2	20161026	EP20140828500	20141218
GB201405546 A0	20140514	GB20140005546	20140327
GB2523848 A1	20150909	GB20140005546	20140327
GB2523848 B2	20160727	GB20140005546	20140327
US2015181609 AA	20150625	US20130137340	20131220
US2017353964 AA	20171207	US20170683248	20170822
US9750034 BB	20170829	US20130137340	20131220
WO15092416 A2	20150625	WO2014GB53761	20141218
WO15092416 A3	20150903	WO2014GB53761	20141218

Priority:

US20130137340 20131220 GB20140005546 20140327 WO2014GB53761 20141218
US20170683248 20170822

Probable Assignee: CAMBIUM NETWORKS LTD

Assignee(s): (std): CAMBIUM NETWORKS LTD

Assignee(s): SILICON VALLEY BANK

Inventor(s): (std): ASHRAF NUSAIRAT ; BASMAN DAHLEH ; DAHLEH BASMAN ; NUSAIRAT ASHRAF

Agent(s): EIP; BRINKS GILSON AND LIONE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW