

PatBase - Search results 21 March 2018

Search query (2): [SP]: system and method for facilitation of a geographically relevant radio station guide and transmission of supplemental content over the internet a system and method for populating an available radio station broadcast list on a mobile device configured with a radio transmitter is disclosed. the method comprises identifying a plurality of radio stations in a database, each of the plurality of radio stations having a radio station broadcast area, each radio station broadcast area comprising a radio station transmitter location and a plurality of broadcast edge points, receiving a request, from the user device, for a list of available radio stations, the request comprising a geographic location of the user device, determining, for each of the plurality of radio stations, one broadcast edge point in the plurality of broadcast edge points that resides on a line defined by the radio station transmitter location, the geographic location of the user device, and the one broadcast edge point, and transmitting, to the user device, each radio station in the plurality of radio stations where the one broadcast edge point is further from the radio station transmitter location than the geographic location of the user device.

Results: 11

Search history

Search PN=(WO/2016/036797) (Results 1)

1:

Search [SP]: system and method for facilitation of a geographically relevant radio station guide and transmission of supplemental content over the internet a system and method for populating an available radio station broadcast list on a mobile device configured with a radio transmitter is disclosed. the method comprises identifying a plurality of radio stations in a database, each of the plurality of radio stations having a radio station broadcast area, each radio station broadcast area comprising a radio station transmitter location and a plurality of broadcast edge points, receiving a request, from the user device, for a list of available radio stations, the request comprising a geographic location of the user device, determining, for each of the plurality of radio stations, one broadcast edge point in the plurality of broadcast edge points that resides on a line defined by the radio station transmitter location, the geographic location of the user device, and the one broadcast edge point, and transmitting, to the user device, each radio station in the plurality of radio stations where the one broadcast edge point is further from the radio station transmitter location than the geographic location of the user device. (Results 11)

Title: SYSTEM AND METHOD FOR FACILITATION OF A GEOGRAPHICALLY RELEVANT RADIO STATION GUIDE AND TRANSMISSION OF SUPPLEMENTAL CONTENT OVER THE INTERNET

Abstract: Source: US2017279551A [EN] A system and method for populating an available radio station broadcast list on a mobile device configured with a radio transmitter is disclosed. The method comprises identifying a plurality of radio stations in a database, each of the plurality of radio stations having a radio station broadcast area, each radio station broadcast area comprising a radio station transmitter location and a plurality of broadcast edge points, receiving a request, from the user device, for a list of available radio stations, the request comprising a geographic location of the user device, determining, for each of the plurality of radio stations, one broadcast edge point in the plurality of broadcast edge points that resides on a line defined by the radio station transmitter location, the geographic location of the user device, and the one broadcast edge point, and transmitting, to the user device, each radio station in the plurality of radio stations where the one broadcast edge point is further from the radio station transmitter location than the geographic location of the user device.

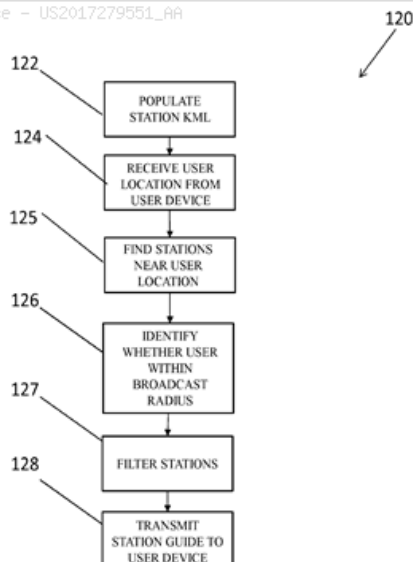
Classifications:

International (IPC 8-9): H04B1/18 H04H20/93 H04H60/42 H04H60/44 H04H60/50 H04H60/51 H04H60/63 H04H60/65 H04H60/72 H04H60/74 H04H60/87 H04H60/88 H04M11/00 H04N21/258 H04N21/262 H04W24/00 H4B1/18 (Advanced/Invention); H04B1/18 H04H60/41 H04H60/47 H04H60/49 H04H60/50 H04H60/51 (Advanced/Non-invention)

International (IPC 1-7): H04B1/18

CPC: H04H60/63 H04H60/65 H04H60/88 H04B1/18 H04H60/42 H04H20/93 H04H60/41 H04H60/44 H04H60/47 H04H60/49 H04H60/50 H04H60/51

PatBase - US2017279551_AA



Family:

Publication number	Publication date	Application number	Application date
BR112017004365 A2	20171205	BR20171104365	20150902
CA2959521 AA	20170227	CA20152959521	20150902
CL2017000500 A1	20180105	CL20170000500	20170302
CO20170002775 A2	20170609	CO20170002775	20170323
CR20170120 A	20170717	CR20170000120	20150902
EP3186895 A1	20170705	EP20150838318	20150902
IN201747007218 A	20170331	IN201747007218	20170301
JP2017537487 T2	20171214	JP20170513001T	20150902
KR20170048350 A	20170508	KR20177004870	20150902
MX2017002839 A1	20170530	MX20170002839	20150902
PE07352017 A1	20170704	PE20170000399	20150902
US2017279551 AA	20170928	US20150508735	20150902
US9887792 BB	20180206	US20150508735	20150902
WO16036797 A1	20160310	WO2015US48049	20150902

Priority:

US20140045607P 20140904 US20150508735 20150902 WO2015US48049 20150902

Probable Assignee: TAGSTATION LLC

Assignee(s): (std): TAGSTATION LLC

Assignee(s): BRENNER PAUL ; HUSMANN BEN

Inventor(s): (std): BEN HUSMANN ; BRENNER PAUL ; HUSMANN BEN ; PAUL BRENNER

Agent(s): SMART AND BIGGAR; PORZIO RIOS AND ASOCIADOS; JOSE ANDRES RINCON USCATEGUI; NIELSEN LEIF; AI ASSOCIATION OF PATENT AND TRADEMARK ATTORNEYS; ICE MILLER LLP; MERKER NICHOLAS R

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: METHOD, MOBILE DEVICE AND COMPUTER PROGRAM PRODUCT FOR AUTOMATICALLY FETCHING LOCAL AREA RADIO CHANNELS

Abstract: Source: US2007142055A [EN] A method, mobile device and computer program product are provided for automatically determining the frequencies of one or more radio stations available in the location in which a user (and, therefore, his or her mobile device) is located and presetting those frequencies to the mobile device. In addition, a means by which the user can automatically continue listening to the same radio station (e.g., KISS FM) using a different radio frequency channel associated with that station, as he or she travels and the radio frequency channel to which he or she is currently tuned becomes weak is also provided.

Classifications:

International (IPC 8-9): H01H1/00 H04Q7/20

H04Q7/38 (Advanced/Invention);

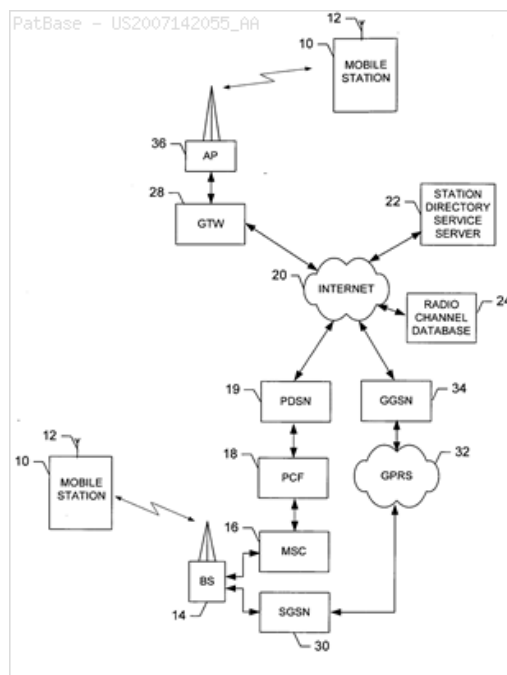
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CPC: H04H60/44 H04H60/51 H04H60/91

European: H04H260/44 H04H60/3468 H04H60/44 T04H60/443

T04H60/51 T04H60/782 T04H60/91

US: 370/329 455/450 455/509



Family:

Publication number	Publication date	Application number	Application date
US2007142055 AA	20070621	US20050313475	20051221
WO07072132 A2	20070628	WO2006IB03204	20061103
WO07072132 A3	20071004	WO2006IB03204	20061103

Priority:

US20050313475 20051221

Probable Assignee: NOKIA CORP

Assignee(s): (std): LAIHO TERO ; NOKIA CORP ; NOKIA INC ; TOIVANEN SANNA

Inventor(s): (std): LAIHO TERO ; TOIVANEN SANNA

Agent(s): ALSTON AND BIRD LLP

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 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 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 ZA ZM ZW

Title: RADIO RECEIVER AND METHOD FOR RECEIVING AND PLAYING SIGNALS FROM MULTIPLE BROADCAST CHANNELS

Abstract: Source: US2009061807A [EN] A radio receiver may comprise a receiver adaptable for receiving a plurality of broadcast streams over a plurality of broadcast channels, wherein the receiver will attempt to receive a selected broadcast stream on a selected broadcast channel, and if the selected broadcast stream is not receivable on the selected broadcast channel, the receiver will attempt to receive the selected broadcast stream on an alternative broadcast channel. A computer readable medium may allow a user of a receiver to create a composite stream comprising at least one portion selected from each of at least two of a plurality of broadcast streams. A method of open interface merge replication may involve comparing data between first and second databases, and if a conflict exists, updating one of the first and second databases with at least a portion of data from the other of the first and second databases to resolve the conflict.

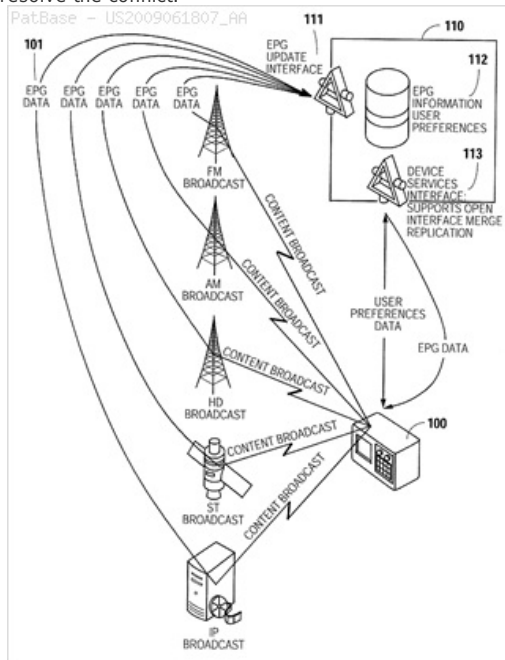
Classifications:

International (IPC 8-9): G06F17/30 G06N99/00 H04B1/00 H04B1/10 H04B1/16 H04B1/18 H04H20/22 H04H20/71 H04H20/74 H04H60/09 H04L12/26 H04N21/25 H04N21/434 H04N21/438 H04N21/442 H04N21/45 H04N21/466 H04N21/485 H04N7/16 H04N7/173 H04W4/02 H04W72/02 (Advanced/Invention); H04H60/46 H04H60/72 (Advanced/Non-invention)

CPC: H04H20/22 H04H60/46 H04H60/72 H04N21/44209 H04N21/4532 H04N21/485 H04N7/163 H04N21/4345 G06N99/005 H04B1/1027 H04L43/16 H04W4/02 H04N21/251 H04N21/466 H04N21/4667 H04B1/006 H04W72/02 H04N21/4383 H04W4/029 H04W4/028

European: H04H20/22 H04N21/434S H04N21/438T H04N21/485 H04N7/16E2 T04H60/46 T04H60/72

US: 1/1 455/179.1 455/184.1 455/185.1 455/3.01 455/3.02 455/3.04 455/303 455/303P 455/456.1 455/456.3 706/12 707/616 707/E17.005 725/116



Family:

Publication number	Publication date	Application number	Application date
US2009061807 AA	20090305	US20080201984	20080829
US2012289146 AA	20121115	US20120557859	20120725
US2012290532 AA	20121115	US20120557887	20120725
US2015019465 AA	20150115	US20140504557	20141002
US2016043747 AA	20160211	US20150887627	20151020
US2016044370 AA	20160211	US20150918739	20151021
US2016157061 AA	20160602	US20160017952	20160208
US8260230 BB	20120904	US20080201984	20080829
US8737910 BB	20140527	US20120557887	20120725
US8892025 BB	20141118	US20120557859	20120725
US9203445 BB	20151201	US20140504557	20141002
US9549293 BB	20170117	US20150887627	20151020
US9918200 BB	20180313	US20160017952	20160208
WO09029889 A1	20090305	WO2008US74915	20080829

Priority:

US20070969499P 20070831	US20080201984 20080829	US20120557859 20120725
US20120557887 20120725	US20140504557 20141002	US20150887627 20151020
US20150918739 20151021	US20160017952 20160208	

Probable Assignee: IHEARTMEDIA MANAGEMENT SERVICES INC

Assignee(s): (std): LOCKHART JACQUELINE J ; JELLISON TANYA R ; LOCKHART KEVIN R ; HILL EVAN A ; WOODEN RICHARD D ; MYERS THEODORE N ; CLEAR CHANNEL MAN SERVICES INC ; CLEAR CHANNEL MAN SERVICES L P ; IHEARTMEDIA MAN SERVICES INC ; ZIGLER JEFFREY D

Assignee(s): IHEARTMEDIA MANGEMENT SERVICES INC ; CLEAR CHANNEL MANAGEMENT SERVICES INC ; CLEAR CHANNEL MANAGEMENT SERVICES L P ; CLEAR CHANNEL MANAGEMENT SERVICES LP ; DEUTSCHE BANK TRUST CO AMERICAS COLLATERAL AGENT AS ; IHEARTMEDIA MANAGEMENT SERVICES INC

Inventor(s): (std): ALBL MICHAEL LINCOLN ; LITTLEJOHN JEFFREY LEE ; ZIGLER JEFFREY D ; WOODEN RICHARD D ; LOCKHART KEVIN R ; MYERS THEODORE N ; LOCKHART JACQUELINE J ; JELLISON TANYA R ; HILL EVAN A

Agent(s): COX SMITH MATTHEWS INC ; GARLICK AND MARKISON; EDWARD J ; ALLEN COURTENAY 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 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: RECEIVER FOR AUDIO PLAYER

Abstract: Source: US2009290519A [EN] An accessory for use with an existing portable electronic device has a housing that removably couples to a housing of the existing portable electronic device such that the accessory and portable electronic device function and can be portably carried as a single unit. A tunable FM radio receiver in the housing receives an FM broadcast signal and produces a broadcast audio output. A connector on the housing electrically connects the broadcast audio output to a corresponding connector on the device. Application software residing on the device utilizes an internet connection of the device to download digital content related to the broadcast audio output and display the digital content on a display of the device.

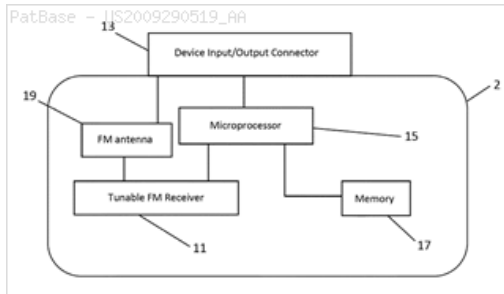
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International (IPC 8-9): H04B1/38 H04B3/00 H04B7/00 H04H40/00 H04L27/06 H04M1/00 H04M3/00 H04W24/00 (Advanced/Invention); H04B3/00 H04B7/00 H04L27/06 (Core/Invention)

CPC: H04M1/0254 H04M1/72527 H04B1/086 H04B1/3816

European: H04B1/08P H04B1/38C T04M1/725F1B

US: 370/310 370/310P 375/340 375/340S 379/428.04 379/441 379/447 381/77 381/77S 455/150.1 455/150.100S 455/3.06 455/418 455/420 455/556.1 455/557



Family:

Publication number	Publication date	Application number	Application date
US2009290519 AA	20091126	US20090428391	20090422
US8583177 BB	20131112	US20090428391	20090422

Priority:

US20080047043P 20080422 US20090428391 20090422

Probable Assignee: GRIFFIN TECHNOLOGY LLC

Assignee(s): (std): GILBERT DAVID A ; GRIFFIN JR PAUL P ; GRIFFIN TECHNOLOGY INC ; REYNOLDS DAVID M ; GUY BENJAMIN T

Assignee(s): SUNTRUST BANK ADMINISTRATIVE AGENT AS ; MONROE CAPITAL MANAGEMENT ADVISORS LLC ; GRIFFIN TECHNOLOGY LLC ; BANK OF AMERICA NA

Inventor(s): (std): GILBERT DAVID A ; GRIFFIN JR PAUL P ; GUY BENJAMIN T ; REYNOLDS DAVID M

Agent(s): HORNKOHL INTELLECTUAL PROPERTY LAW PLLC; JASON C

Title: SYSTEMS AND METHODS FOR CUSTOMIZING RADIO PRESETS

Abstract: Source: US2010178938A [EN] Systems and methods are provided for customizing radio presets. The radio presets can be customized based on one or more of geographic location and user preferences. For example, radio presets bookmarking particular radio frequencies can be associated with a particular location. When a user device is in the particular location, the associated radio frequencies can be used to populate "hot keys." In some embodiments, if radio presets are not available for a particular location, recommended radio presets can be determined by, for example, comparing radio station information with user preferences. This radio station information can include, for example, a listing of available radio stations, the genre of these radio stations, and radio station names. User preferences can include, for example, preferred songs, preferred radio stations, preferred radio shows, and preferred genres. Recommended radio presets can be determined by identifying available radio stations that match the user preferences.

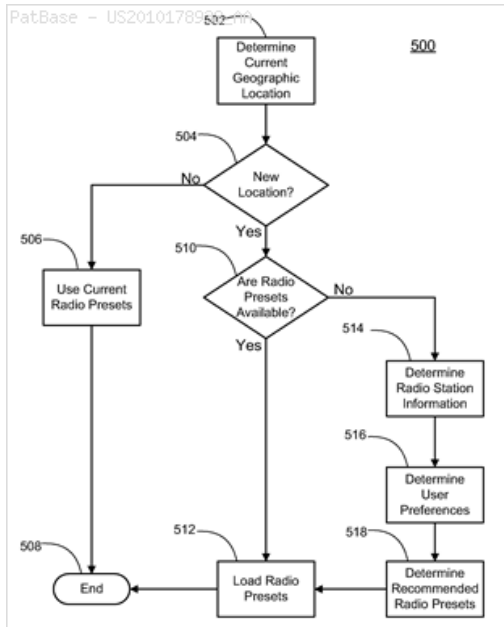
Classifications:

International (IPC 8-9): H04B1/18 H04W24/00 (Advanced/Invention); H04B1/18 H04W24/00 (Core/Invention)

CPC: H04H60/51 H04H60/46 H04H60/47 H04H60/65

European: H04H60/51 H04H60/65 T04H60/46 T04H60/47

US: 455/185.1 455/185.100S 455/456.3 455/456.300P

**Family:**

Publication number	Publication date	Application number	Application date
US2010178938 AA	20100715	US20090353051	20090113

Priority:

US20090353051 20090113

Probable Assignee: APPLE INC

Assignee(s): (std): APPLE INC

Inventor(s): (std): HAUGHAY JR ALLEN P ; INGRASSIA JR MICHAEL I ; LEE JEFFERY

Agent(s): KRAMER LEVIN NAFTALIS AND FRANKEL LLP

Title: SYSTEMS AND METHODS FOR TRANSMITTING MEDIA CONTENT VIA DIGITAL RADIO BROADCAST TRANSMISSION FOR SYNCHRONIZED RENDERING BY A RECEIVER

Abstract: Source: US2010265398A [EN] Systems, methods, and processor readable media are disclosed for encoding and transmitting first media content and second media content using a digital radio broadcast system, such that the second media content can be rendered in synchronization with the first media content by a digital radio broadcast receiver. The disclosed systems, methods, and processor-readable media determine when a receiver will render audio and data content that is transmitted at a given time by the digital radio broadcast transmitter, and adjust the media content accordingly to provide synchronized rendering. In exemplary embodiments, these adjustments can be provided by: 1) inserting timing instructions specifying playback time in the secondary content based on calculated delays; or 2) controlling the timing of sending the primary or secondary content to the transmitter so that it will be rendered in synchronization by the receiver.

Classifications:

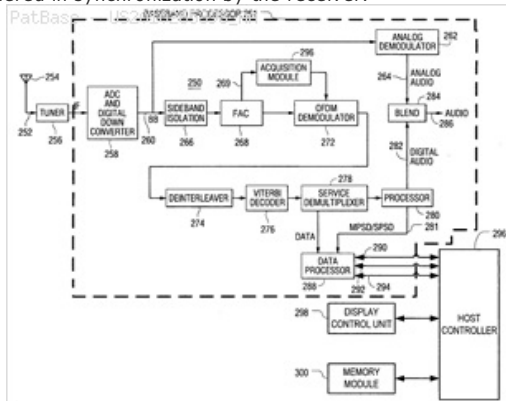
International (IPC 8-9): G10L21/00 H04H20/18 H04H20/30 H04H20/31 H04H40/18 H04J3/06 H04J3/24 H04K1/10 H04L12/28 H04L12/56 H04L27/00 H04L7/00 H04N11/02 H04N11/04 H04N5/04 H04N7/12 H04N7/173 H04N9/44 H04N9/475 (Advanced/Invention); H04H60/63 (Advanced/Non-invention)

International (IPC 1-7): H04J3/06 H04K1/10

CPC: H04H2201/18 H04N21/234318 H04H20/18 H04H20/30 H04H2201/20 H04N21/233 H04N21/235 H04N21/2368 H04N21/4307 H04N21/4341 H04N21/435 H04N21/439 H04N21/8106

European: H04H20/30 H04N21/233 H04N21/2343J H04N21/235 H04N21/2368 H04N21/434A H04N21/435 H04N21/439 H04N21/4352 H04N21/81A T04H20/18 T04H201/20

US: 348/423.1 348/425.4 348/500 348/500P 348/515 348/515P 348/E5.009 348/E50.09S 370/252 370/349 370/350 370/350P 370/350S 370/395.4 370/474 370/503 370/507 370/514 370/520 375/240.25 375/259 375/259P 375/316 375/316S 704/211 704/211S 704/E21.001 704/E21.001S 725/112



Family:

Publication number	Publication date	Application number	Application date
BR112012008175 A2	20171010	BR20121108175	20101007
BRPI1013641 A2	20171003	BR2010PI13641	20100413
CA2758828 AA	20101021	CA20102758828	20100413
CA2758828 C	20171031	CA20102758828	20100413
CA2775769 AA	20110414	CA20102775769	20101007
CN102388555 A	20120321	CN201080016223	20100413
CN102388555 B	20150624	CN201080016223	20100413
CN102648595 A	20120822	CN201080055505	20101007
CN102648595 B	20150513	CN201080055505	20101007
MX2011010758 A1	20111104	MX20110010758	20100413
MX2012004021 A1	20120508	MX20120004021	20101007
US2010265398 AA	20101021	US20090385660	20090415
US2011090897 AA	20110421	US20100923780	20101007
US2012162512 AA	20120628	US20120401201	20120221
US2012189069 AA	20120726	US20120367003	20120206
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US8451868 BB	20130528	US20100923780	20101007
US8660128 BB	20140225	US20120367003	20120206
US8804037 BB	20140812	US20120401201	20120221
WO10120723 A1	20101021	WO2010US30821	20100413
WO11044349 A1	20110414	WO2010US51805	20101007

Priority:

US20090272580P 20091007	US20090385660 20090415	US20100923780 20101007
WO2010US30821 20100413	US20120401201 20120221	US20120367003 20120206
WO2010US51805 20101007		

Probable Assignee: IBIQUITY DIGITAL CORP

Assignee(s): (std): BALASUBRAMANIAN MUTHU G ; BALASUBRAMANIAN MUTHU GOPAL ; CHALMERS HARVEY ; D ANGELO JOSEPH F ; IBIQUITY DIGITAL CORP ; GAMBARDILLA ALBERT JOHN ; IANNUZZELLI RUSSELL ; DETWEILER JEFFREY RANKEN ; JOHNSON STEVEN ANDREW ; DETWEILER JEFFREY R ; JOHNSON STEVEN A ; GAMBARDILLA ALBERT ; MATTSON STEPHEN DOUGLAS ; WARRIER GIRISH K ; SHULDINER ALBERT D ; MATTSON STEPHEN D ; RAIDE MICHAEL R

Assignee(s): WELLS FARGO BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; ROYAL BANK OF CANADA COLLATERAL AGENT AS ; MERRILL LYNCH CREDIT PRODUCTS LLC ; MERRILL LYNCH CREDIT PRODUCTS LLC COLLATERAL AGENT AS ; MERRILL LYNCH CREDIT PRODUCTS LLC COLLATERAL AGENT

Inventor(s): (std): ANDREW JOHNSON STEVEN ; ANGELO JOSEPH F D ; BALASUBRAMANIAN MUTHU G ; BALASUBRAMANIAN MUTHU GOPAL ; CHALMERS HARVEY ; D ANGELO JOSEPH F ; DETWEILER JEFFREY R ; DETWEILER JEFFREY RANKEN ; DOUGLAS MATTSON STEPHEN ; GAMBARDILLA ALBERT ; GAMBARDILLA ALBERT JOHN ; GOPAL BALASUBRAMANIAN MUTHU ; HARVEY CHALMERS ; IANNUZZELLI RUSSELL ; JOHN GAMBARDILLA ALBERT ; JOHNSON STEVEN A ; JOHNSON STEVEN ANDREW ; MATTSON STEPHEN D ; MATTSON STEPHEN DOUGLAS ; RAIDE MICHAEL R ; RANKEN DETWEILER JEFFREY ; RUSSELL IANNUZZELLI ; SHULDINER ALBERT D ; WARRIER GIRISH K

Inventor(s): STEEVN ANDREW JOHNSON ; STEPHEN DOUGLAS MATTSON ; STEVEN ANDREW JOHNSON ; MUTHU GOPAL BALASUBRAMANIAN ; ALBERT D SHULDINER ; ALBERT JOHN GAMBARDILLA ; JOSEPH F D ANGELO ; JEFFREY RANKEN DETWEILER ; GIRISH K WARRIER ; D'ANGELO JOSEPH F

Agent(s): OSLER HOSKIN AND HARCOURT LLP ; JONES DAY ; PEARSON DOUGLAS H ET AL ; PEARSON DOUGLAS 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 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: RADIO RECEIVER

Abstract: Source: US2010304702A [EN] Operating a radio receiver can include identifying a set of stations that broadcast a radio program using different frequencies or different transmission protocols at substantially the same time. Broadcast signal strength, or some other signal quality metric, of broadcast signals from the stations can be evaluated, and the radio receiver can be tuned to one of the stations in the set of stations based on the evaluation.

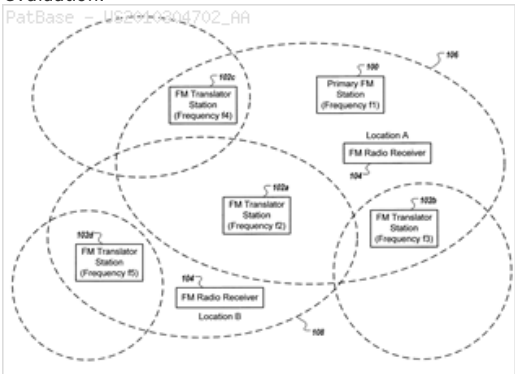
Classifications:

International (IPC 8-9): H04B1/18 H04B1/26 (Advanced/Invention)

CPC: H04H20/22

European: H04H20/22

US: 455/154.2 455/186.1 455/313 455/313P



Family:

Publication number	Publication date	Application number	Application date
US2010304702 AA	20101202	US20090475860	20090601
US8577315 BB	20131105	US20090475860	20090601

Priority:

US20090475860 20090601

Probable Assignee: APPLE INC

Assignee(s): (std): ANZURES FREDDY A ; APPLE INC ; MASON HENRY ; NEWMAN LUCAS

Inventor(s): (std): ANZURES FREDDY A ; MASON HENRY ; NEWMAN LUCAS

Agent(s): FISH AND RICHARDSON PC; JENNIFER

Title: EQUIPMENT, SYSTEM AND METHODOLOGIES FOR SEGMENTATION OF LISTENING AREA INTO SUB-AREAS ENABLING DELIVERY OF LOCALIZED AUXILIARY INFORMATION

Abstract: Source: US2011065377A [EN] Radio broadcasting equipment is provided that enables targeted radio broadcast advertisement delivery in an radio broadcast area wherein a plurality of radio transmitters are used to transmit broadcasting area wide programming and localized auxiliary information on a single frequency and wherein broadcasting area wide programming is transmitted by at least one of the radio transmitters and localized auxiliary information is transmitted by individual radio transmitters included in the plurality of transmitters.

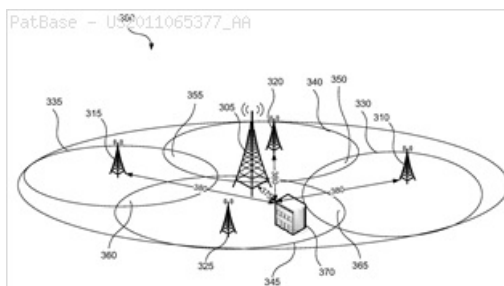
Classifications:

International (IPC 8-9): H04B7/00 H04B7/212 H04H20/00 H04H20/02 H04H20/10 H04H20/18 H04H20/26 H04H20/42 H04H20/67 H04H20/71 H04H20/86 H04H60/13 H04H60/68 H04L7/033 H04W4/00 H04W4/06 H04W52/28 (Advanced/Invention)

CPC: H04H20/86 H04H20/10 H04H20/06 H04H20/34 H04H20/61 H04H2201/13 H04H20/106 H04H20/18 H04H20/31 H04H60/51 H04H20/59 H04H20/67 H04H20/103 H04H20/26 H04H60/13 H04W52/283 H04H20/423 H04W4/06

European: H04H20/10A H04H20/26 H04H20/67 H04H60/13

US: 1/1 370/312 370/347 370/347P 455/3.01 455/3.010P 455/3.010S 455/3.06 455/501 455/502 455/503 455/522 455/63.1



Family:

Publication number	Publication date	Application number	Application date
AU2012227323 AA	20130411	AU20120227323	20120926
EP2504945 A1	20121003	EP20100816113	20100910
EP2504945 A4	20130814	EP20100816113	20100910
US2011065377 AA	20110317	US20100879081	20100910
US2012014370 AA	20120119	US20110245482	20110926
US2013094426 AA	20130418	US20120626969	20120926
US2013102241 AA	20130425	US20120706812	20121206
US2016014703 AA	20160114	US20140330673	20140714
US8862048 BB	20141014	US20100879081	20100910
US9232481 BA	20160105	US20140330673	20140714
WO11031906 A1	20110317	WO2010US48331	20100910
WO13086122 A1	20130613	WO2012US68152	20121206

Priority:

US20090241790P 20090911	US20100368509P 20100728	US20100879081 20100910
US20110245482 20110926	US20120626969 20120926	US20110567261P 20111206
WO2010US48331 20100910	US20120706812 20121206	US20140330673 20140714

Probable Assignee: GEO BROADCAST SOLUTIONS LLC

Assignee(s): (std): BONICK RICHARD J ; DEVINE CHRISTOPHER F ; GEO BROADCAST SOLUTIONS LLC ; HIEATT WILLIAM R ; HIEATT WILLIAM R III ; LAZER SPOTS LLC

Inventor(s): (std): BONICK RICHARD J ; DEVINE CHRISTOPHER F ; HIEATT WILLIAM R ; HIEATT WILLIAM R III

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; STREHL SCHUEBEL HOPF AND PARTNER; BARNES AND THORNBURG LLP; MCCARTHY CHRISTINE H ET AL; MCCARTHY CHRISTINE H

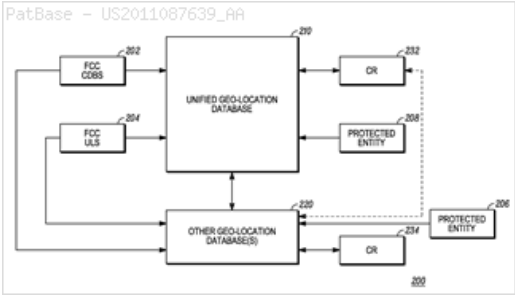
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX 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: METHOD AND APPARATUS FOR AUTOMATICALLY ENSURING CONSISTENCY AMONG MULTIPLE SPECTRUM DATABASES

Abstract: Source: US2011087639A [EN] An apparatus and method of providing accurate and consistent open spectrum results for secondary devices from different geo-location databases is presented. The results, which may be independently derived by each database, are independent of the database queried. The comparison permits some amount of latitude in spatial and temporal consistency between the databases as errors are only indicated if the temporal or spatial discrepancies are pervasive. In addition, large percentages of different locations showing discrepancies when compared also lead to corrective action being taken. Corrective actions that may be taken include forcing problematic databases to update, shunting requests by secondary devices in the problematic locations to acceptable databases or shutting down the problematic databases entirely.

Classifications:

International (IPC 8-9): G06F17/30 (Advanced/Invention)
CPC: G06F17/30592 G06F17/30442
European: G06F17/30S4P3 G06F17/30S8M
US: 379/110.01 707/670 707/690 707/690P 707/697 707/E17.005 707/E17.005S 713/166



Family:

Publication number	Publication date	Application number	Application date
US2011087639 AA	20110414	US20100889016	20100923
US8589359 BB	20131119	US20100889016	20100923

Priority:

US20090250602P 20091012 US20100889016 20100923

Probable Assignee: MOTOROLA SOLUTIONS INC

Assignee(s): (std): GURNEY DAVID P ; MOTOROLA INC ; MOTOROLA SOLUTIONS INC

Inventor(s): (std): GURNEY DAVID P

Agent(s): BARBARA R

Title: METHOD, COMPUTER-READABLE STORAGE MEDIUM, RECEPTION APPARATUS, AND INFORMATION PROVIDING APPARATUS FOR IDENTIFYING AVAILABLE CHANNELS AND/OR SERVICES

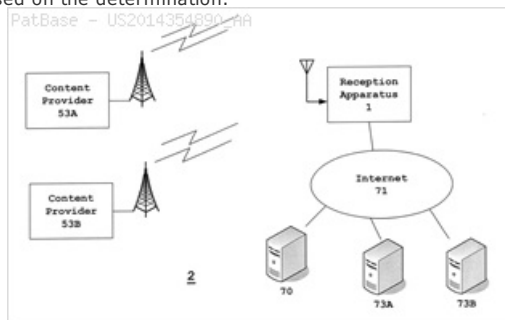
Abstract: Source: US2014354890A [EN] A method, computer-readable storage medium, reception apparatus, and information providing apparatus for generating a list of accessible channels. The method includes retrieving from a primary server terrestrial broadcast channel information associated with a predetermined geographical region. The terrestrial broadcast channel information includes, for each broadcaster associated with the predetermined geographical region, one or a combination of a broadcast channel and a secondary server location associated with the respective broadcaster. Service information is retrieved, for each of at least one broadcaster associated with the predetermined geographical region, from a secondary server associated with the respective broadcaster based on the terrestrial broadcast channel information. The reception apparatus determines, for each of the at least one broadcaster associated with the predetermined geographical region, whether the broadcast channel associated with the respective broadcaster is receivable by the reception apparatus. The reception apparatus generates the list of accessible channels based on the determination.

Classifications:

International (IPC 8-9): H04H60/72 H04N21/2668 H04N21/414 H04N21/434 H04N21/438 H04N21/442 H04N21/45 H04N21/462 H04N21/466 H04N21/472 H04N21/61 H04N5/445 H04N5/50 H04N7/173 H04W4/02 (Advanced/Invention)

CPC: H04N21/41407 H04N21/4383 H04N21/44209 H04N21/4524 H04N21/4622 H04N21/6112 H04N21/2668 H04N21/466 H04N21/47208 H04N21/4345 H04N5/50

US: 1/1 348/732 725/56



Family:

Publication number	Publication date	Application number	Application date
CA2912402 AA	20151112	CA20142912402	20140221
KR20160016786 A	20160215	KR20157032802	20140221
MX2015015077 A1	20160217	MX20150015077	20140221
MX347645 B	20170508	MX20150015077	20140221
US2014354890 AA	20141204	US20130934615	20130703
US2016150271 AA	20160526	US20160014631	20160203
US9300896 BB	20160329	US20130934615	20130703
WO14197014 A1	20141211	WO2014US17726	20140221

Priority:

US20130830500P 20130603 US20130934615 20130703 WO2014US17726 20140221
US20160014631 20160203

Probable Assignee: SATURN LICENSING LLC

Assignee(s): (std): EYER MARK ; SONY CORP

Assignee(s): SATURN LICENSING LLC

Inventor(s): (std): MARK EYER ; EYER MARK

Agent(s): GOWLING LAFLEUR HENDERSON LLP; OBLON MCCLELLAND MAIER AND NEUSTADT LLP; HAMILTON JAMES D 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: SMART FM/AM AUTO-SCANNER

Abstract: Source: US2015229420A [EN] A radio tuning method for a vehicle includes sensing that the vehicle is traveling out of a first broadcast range of a first radio station that a radio of the vehicle is currently tuned to. The first radio station broadcasts first content. A second radio station is identified having a second broadcast range that the vehicle will be in when the vehicle is no longer in the first broadcast range. The identifying includes determining that the second radio station broadcasts second content that is substantially similar to the first content broadcasted by the first radio station. A user of the vehicle is provided with an option to switch tuning of the radio from the first radio station to the second radio station.

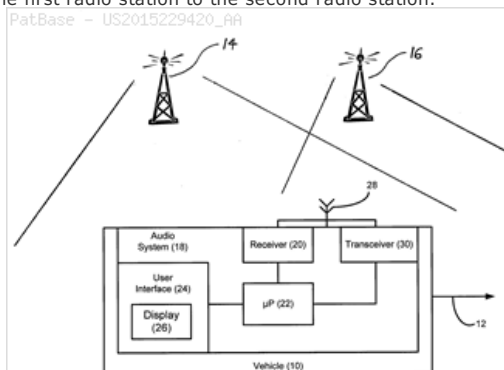
Classifications:

International (IPC 8-9): H04B1/10 H04B1/18 H04B17/00 H04H20/14 H04H20/57 H04H60/33 H04H60/41 H04H60/42 H04H60/47

H04W36/24 H04W36/30 H04W36/32 (Advanced/Invention); H04H60/47 (Advanced/Non-invention)

CPC: H04H60/47 H04W36/30 H04W36/32 H04H60/42 H04H60/41 H04H20/57

US: 1/1 455/161.1 455/179.1 455/185.1

**Family:**

Publication number	Publication date	Application number	Application date
US2015229420 AA	20150813	US20140177795	20140211
US2016173213 AA	20160616	US20160050937	20160223
US2016329977 AA	20161110	US20160214305	20160719
US2017093511 AA	20170330	US20160373685	20161209
US9306688 BB	20160405	US20140177795	20140211
US9548829 BB	20170117	US20160050937	20160223
US9762339 BB	20170912	US20160214305	20160719
US9780895 BB	20171003	US20160373685	20161209
WO15123297 A1	20150820	WO2015US15416	20150211

Priority:

US20140177795 20140211 US20160050937 20160223 US20160214305 20160719
US20160373685 20161209

Probable Assignee: PANASONIC AUTOMOTIVE SYSTEMS CO OF AMERICA DIVISION OF PANASONIC OF NORTH AMERICA CORP

Assignee(s): (std): PANASONIC AUTOMOTIVE SYS CO AM ; PANASONIC AUTOMOTIVE SYSTEMS CO AMERICA DIVISION O ; PANASONIC AUTOMOTIVE SYSTEMS CO AMERICA DIVISION OF PANASONIC CORP NORTH AMERICA ; PANASONIC AUTOMOTIVE SYSTEMS CO OF AMERICA DIV OF PANASONIC CORP OF NORTH AMERICA ; PANASONIC AUTOMOTIVE SYSTEMS CO OF NORTH AMERICA DIV OF PANASONIC CORP OF NORTH AMERICA

Assignee(s): PANASONIC AUTOMOTIVE SYSTEMS CO OF NORTH AMERICA DIVISION OF PANASONIC OF NORTH AMERICA CORP ; PANASONIC AUTOMOTIVE SYSTEMS CO OF AMERICA DIVISION OF PANASONIC OF NORTH AMERICA CORP

Inventor(s): (std): WILLIAMS ERIC ; HIGHTOWER ALAN

Agent(s): LAURENCE S; ROACH LAURENCE S

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