1. Travel planner platform for providing quality tourism information

Date: 2019-03-05 | ID: 10222220

Abstract: The present invention relates to a system for providing Quality Tourism Information (QTI) for a Free Individual Traveler (FIT) to obtain localized information specific to a particular geographic area (e.g., few meters) and compile an itinerary, in real time comprising: a) a web-enabled server (cloud) adapted to communicate with a plurality of sources and databases comprising information on a plurality of tourist attractions, lodging establishments, and services; b) a User Interface (UI) to facilitate interaction with said server and provide solutions to said traveler, said UI comprising, a menu containing introductory solution for a specific geographic area and a function for allowing to specify desired tourist attractions and resources to be submitted via said function to a Tourism Individual Planning (TIP) algorithm; and c) a TIP algorithm for retrieving information from said sources and databases and for generating at least one personal itinerary form said retrieved solutions based on Tourism Logic.

2. Methods and system for custom application development

Date: 2019-05-28 | ID: 10303443

Abstract: An application platform of mobile video-messaging provides a standardized and automated process for building customized applications on independent deployed platforms across various industry verticals including sport, entertainment, tourism, health, safety, education, business, and politics. The branding application platform may be used to create a plurality of different types of applications of different categories, based on needs and wants defined by an operating entity.

3. Application development engine and method of performing same

Date: 2020-05-26 | ID: 10664242

Abstract: An application platform of mobile video-messaging provides a standardized and automated process for building customized applications on independent deployed platforms across various industry verticals including sport, entertainment, tourism, health, safety, education, business, and politics. The branding application platform may be used to create a plurality of different types of applications of different categories, based on needs and wants defined by an operating entity.

4. Recommendation system and method to evaluate the quality of sidewalks and other pedestrian flow zones as a means to operationalize walkability

Date: 2020-08-18 | ID: 10746556

Abstract: A computer learning, assessment and recommendation system to generate new information about

the quality and degrees of walkability of sidewalks and walking routes through the collection, assessment and manipulation of large amounts of visual and geographic data, a scoring system, a rule-based computational methods and selected data representation are provided. Micro and macro data, methods and systems for sidewalk assessment generate various characteristics and qualities of routes creating general, locational and navigational functions using attributes and categories identified as important to walkability or to the experience of walking. Computed scores and recommendations displayed in maps and other visual tools and apps can be used by multiple client and sector groups including navigation, real estate, fitness, tourism and urban and rural development planning. This abstract complies with rules requiring abstract submission but does not limit the scope, interpretation or full meaning of the claims.

5. Self-contained in-ground geothermal generator and heat exchanger with in-line pump used in several alternative applications including the restoration of the salton sea

Date: 2021-08-24 | ID: 11098926

Abstract: Provided here is a system and method for harnessing geothermal energy for generation of electricity by using complete closed loop heat exchange systems combined with onboard drilling apparatus. The system includes several devices operating separately in many different applications in energy sectors, including Self Contained In-Ground Geothermal Generator; the Self Contained Heat Exchanger; the In-Line-Pump/Generator; and preeminent drilling system for drilling wider and deeper wellbores. The system can be used for harnessing heat from accessible lava flows; harnessing the waste heat from the flame on top of flares stacks and similar cases. Also, included is an architectural solution for the restoration of the terminal lake, the Salton Sea, an area of prevalent geothermal sources, including dividing lake in three sections and importing seawater in central section with pipeline system; providing condition for tourism; treating farmland runoff waters; generating electricity including solar energy; and producing potable water and lithium as byproducts.

6. Production and consumption system of three-dimensional vertical planting landscape and capable of achieving healthy, low-cost and environmental protection

Date: 2021-11-16 | ID: 11174653

Abstract: A production and consumption system of three-dimensional vertical planting landscape and capable of achieving healthy, low-cost and environmental protection includes an aquatic raising zone, a crop planting zone, an animal raising zone, an insect culturing zone, a food processing zone, a consumption zone, a sport health zone, providing a shopping suggestion list automatically for reference based on a consumer's purchase traceability, and offering a sport suggestion list and a food suggestion list that are suitable for the

consumer based on a physiological data so as to allow the consumer to do exercise and control diet, thereby attaining effects of low-cost, environmental protection, super-freshness, high efficiency, high quality of production of vegetables, meat and aquatic products, and functions of purchase, health, shopping, tourism, exercise, fitness and health monitoring.

7. Virtual tourism method, client, server, system, acquisition device, and medium

Date: 2023-01-31 | ID: 11565190

Abstract: Provided is a virtual tourism method which includes: detecting, by a virtual tourism client device, a change of a viewing direction of a user in real time, generating viewing direction information of the user according to the change of the viewing direction, wherein the viewing direction change is a change of a current viewing direction of the user with respect to a reference viewing direction; and obtaining, a part of video image data corresponding to the current viewing direction of the user from stored panoramic video image data according to the viewing direction information of the user and playing the part of the video image data.

8. High land tourism safety risk warning method based on reinforcement learning

Date: 2023-04-11 | ID: 11625803

Abstract: The invention relates to the field of tourism risk prediction, and particularly to a high land tourism safety risk warning method based on reinforcement learning, comprising: step S1, storing a tourism data set in a historical time period of a tourist site in a database, and based on the database, initializing a tourism risk warning indication function Q and a risk target function T; step S2, based on a tourism risk assessment factor sequence and combined with the selected tourism data set in the historical time period, training the tourism risk warning indication function Q and the risk target function T; and step 3, combined with an input time parameter and the trained tourism risk warning indication function Q, obtaining a warning action under the time parameter, and obtaining a risk assessment rank of the tourist site.

9. Virtual tourism client, server, system and acquisition device

Date: 2024-05-21 | ID: 11989342

Abstract: A virtual tourism client device, a virtual tourism server-side device, a system, and an image acquisition device are provided. The virtual tourism client device includes a detector and a head display, the detector being configured to detect a change of a viewing direction of a user in real time and generate viewing direction information of the user according to the change of the viewing direction, wherein the change of the viewing direction is a change of a current viewing direction of the user with respect to a reference viewing direction; and the head display being configured to obtain a part of video image data corresponding

to the viewing direction information of the user from panoramic video image data with an image reference direction and play the part of the video image data.

10. Self-contained in-ground geothermal generator and heat exchanger with in-line pump used in several alternative applications including the restoration of the Salton Sea

Date: 2024-06-18 | ID: 12013155

Abstract: Provided here is an architectural plan (the solution) for the restoration of the terminal lake, the Salton Sea, an area of prevalent geothermal sources. It includes division of the Lake into three sections, preventing pollution of the Lake from nearby farmlands and importing seawater in central section with pipeline system; providing condition for tourism, and wildlife sanctuary; generating electricity by harnessing hydro, solar, and geothermal energy; and producing potable water and lithium as byproducts. Also includes a system and method for harnessing geothermal energy for generation of electricity by using complete closed loop heat exchange systems combined with onboard drilling apparatus. The system includes several devices operating separately in many different applications in energy sectors, Also, included is alternative use for the In-Line-Pump for marine crafts propulsion.

11. Boat shade

Date: 1976-05-11 | ID: 3955228

Abstract: The present invention relates to a boat shade comprising a cover and a frame for it formed of three inverted U-shaped components. Two of these inverted U-shaped components, carrying the cover, are arranged so as to flank the third inverted U-shaped component, to which they are hinged, and which is vertically erected and secured by its ends to the sides of a boat. Each of the hinges disposed at each end of each of the inverted U-shaped components, carrying the cover, is formed by an axle arranged at this end of the component and capable or moving in a horizontal direction outwardly in relation to the vertically erected component and a bushing mounted on it. A spring-actuated stop locks the axle in its extreme positions when the cover is either fully unfolded, or when it is partially folded, that is when one of the inverted U-shaped components, carrying the cover, is placed on the other component. The invention may be used on small vessels and boats meant for tourism and recreation, and, more particularly, as an attachment to foldable boats.

12. Method and device for pictorial representation of space-related data

Date: 2000-08-08 | ID: 6100897

Abstract: A method and device for the pictorial representation of space-related data, for example, geographical data of the earth. Such methods are used for visualising topographical or meteorological data in

the form of weather maps or weather forecast films. Further fields of application are found in tourism, in traffic control, in navigation aids and also in studio technology. The space-related data, for example topography, actual cloud distribution, configurations of roads, rivers or frontiers, satellite images, actual temperatures, historical views, CAD-models, actual camera shots, are called up, stored or generated in a spatially distributed fashion. For a screen representation of a view of the object according to a field of view of a virtual observer, the required data are called up and shown only in the resolution required for each individual section of the image. The sub-division of the image into sections with different spatial resolutions is preferably effected according to the method of a binary or quadrant tree.

13. Roofing device for modulating and distributing sunlight

Date: 2000-11-21 | ID: 6148571

Abstract: The invention concerns a device that creates a semishaded surface whose level of exposure to sunlight can be determined and on which the sunlight can be distributed uniformly for a given period. It consists of a fixed framework (1) supporting a mobile reciprocating frame (2). A skylight (A) with slats is set into the mobile frame (2). The mobile frame (2) supports one of several frames (3) into which are set skylights (b) with slats. The adjustable deviation between the frames (2 and 3) determines the level of exposure to sunlight. This device is especially intended for persons who wish to be exposed to a reasonable level of sunlight. Its field of application is particularly, though not exclusively, in the tourism, leisure and accommodation industries.

14. Method of playing a board game

Date: 2001-04-03 | ID: 6209871

Abstract: A board game apparatus for learning about occupational trivia in a game setting. The board game apparatus includes a game board. The game board is subdivided into compartments, the compartments each being in the form of a path to be followed by participants in the game. The compartments have associated therewith a reference to a respective occupation. The occupation is chosen from the group consisting of professions, industry, tourism and public service. A plurality of cards having indicia thereon wherein the indicia indicates questions corresponding to an occupation. At least one die and a counter for keeping score. A participant landing on a compartment is required to answer a question on a card that corresponds to the compartment. The participant acquires points as a result of correct answers.

15. System and method for providing tourism service using RF IC card, and storage medium for storing tourism service algorithm thereof

Date: 2004-03-16 | ID: 6705518

Abstract: A system for providing tourism service using RF IC card includes an RF IC card having an RF chip and providing a function of pre-paid card and a settlement server affiliated with domestic/international financial institutions, credit card companies, public transportation/communication facilities, and service centers via a public network, and for settling a used amount with the RF IC card at an affiliated corporation.

16. Method and system for training and organizing on-site event professionals

Date: 2005-12-27 | ID: 6979199

Abstract: The invention is a system and method for training and organizing on-site event professionals in the hospitality and tourism industry. The system has at least one server computer having a processor, an area of main memory for executing program code under the direction of the processor, a storage device for storing data and program code and a bus connecting the processor and the storage device, at least one relational database stored on the storage device, a data communications device connected to the bus for connecting the server computer to the Internet and Web-based training for on-site event professionals computer program code stored in the storage device and executing in the main memory under the direction of the processor.

17. Portable device supplying tourist information

Date: 2006-10-17 | ID: 7124024

Abstract: A mobile device to supply information, notably for tourism, to a user, has a storage device that is fragmented into sectors, each sector corresponding at least to one given geographic location and showing an address, a tracker of said device, capable of delivering positioning information, corresponding to the location wherein the device is situated, a processor capable of drawing up a reading instruction containing at least the address of the sector of the information to be supplied in relation the positioning information on the basis of one or several correspondence tables.

18. Data providing service system

Date: 2007-06-19 | ID: 7233858

Abstract: A data-providing service system of the present invention provides a user with data of an apparatus having a navigation function which outputs current position information. The data-providing service system provides a content provider such as restaurant, amusement, tourism guidance, hotel, music service and the like with content information, receives the content information, provides the user with information requesting membership registration, receives personal information from the user and provides the user with the content information. The content information includes link information for linking with personal information, and link information for linking primary judging information such as time information, climate information, environment information other than position information, or for linking with secondary judging information concerning the

user such as personal identification information, hobby/taste information, using state/frequency information and the like. When current position information is outputted by the navigation function, the linked content information is outputted in accordance with the primary judging information or the secondary judging information.

19. Data-providing service system

Date: 2008-07-08 | ID: 7398152

Abstract: A data-providing service system of the present invention provides a user with data of an apparatus having a navigation function which outputs current position information. The data-providing service system provides a content provider such as restaurant, amusement, tourism guidance, hotel, music service and the like with content information, receives the content information, provides the user with information requesting membership registration, receives personal information from the user and provides the user with the content information. The content information includes link information for linking with personal information, and link information for linking primary judging information such as time information, climate information, environment information other than position information, or for linking with secondary judging information concerning the user such as personal identification information, hobby/taste information, using state/frequency information and the like. When current position information is outputted by the navigation function, the linked content information is outputted in accordance with the primary judging information or the secondary judging information.

20. Methods, systems, and computer program products for providing advertising and/or information services over mobile ad hoc cooperative networks using electronic billboards and related devices

Date: 2009-11-17 | ID: 7620026

Abstract: A method of operating an electronic billboard includes detecting a mobile electronic device within a predetermined distance of the electronic billboard, establishing an ad hoc wireless connection with the mobile electronic device, and transmitting location-specific data to the mobile electronic device over the ad hoc wireless connection. The location-specific data is associated with a geographic location of the electronic billboard. For example, the location-specific data may include advertising content, traffic and/or construction conditions, emergency information, and/or tourism information associated with the geographic location of the electronic billboard. Related methods, devices, and computer program products are also discussed.

21. Methods, systems, and computer program products for providing advertising and/or

information services over mobile ad hoc cooperative networks using electronic billboards and related devices

Date: 2012-08-28 | ID: 8254338

Abstract: A method of operating an electronic billboard includes detecting a mobile electronic device within a predetermined distance of the electronic billboard, establishing an ad hoc wireless connection with the mobile electronic device, and transmitting location-specific data to the mobile electronic device over the ad hoc wireless connection. The location-specific data is associated with a geographic location of the electronic billboard. For example, the location-specific data may include advertising content, traffic and/or construction conditions, emergency information, and/or tourism information associated with the geographic location of the electronic billboard. Related methods, devices, and computer program products are also discussed.

22. Self-propelled, laterally deployed, ocean wave energy converting power plant/beach replenishment system/oil spill containment boom

Date: 2013-06-18 | ID: 8466575

Abstract: Deployed laterally (broadside to the waves), this power plant hydraulically converts the breadth of waves into electricity. Costly hydraulic motors, generators Etc. need not be duplicated for each unit in series. Depleted waves break gently. Sand put into suspension by the turbulent release of energy from waves crashing onto un-harvested beaches, carried by the alongshore current to calm water, settles and remains. Replenishment is the natural by-product of wave energy conversion, avoiding costly, environmentally intrusive dredging and pumping. At sea, extensions aid energy harvesting from swells. In series, it defends against oil spills Etc. from washing up onto beaches. Free floating, easily removed for maintenance when tourism takes priority over energy, beach replenishment and oil spill protection. When the series is to be transported over long distances at sea, inclined planes can be pivoted 90 degrees enabling the series to be self-propelled by the swells to its new site.

23. Advertisement distribution system, advertisement distribution device, advertisement distribution method, advertisement distribution program, and computer readable record medium recorded with advertisement distribution program

Date: 2014-03-25 | ID: 8682727

Abstract: A travel support server (5) distributes a first e-mail to a user terminal device (2-k). The first e-mail has a link to the URL in which transfer function to a web page of a tourism resource corresponding to the user position in a travel destination and user information are embedded. An advertisement server (6)

distributes a second e-mail to the user terminal device (2-k). The second e-mail has advertisement information which is provided to the user identified by selecting the link in the first e-mail.

24. Space elevator

Date: 2015-07-21 | ID: 9085897

Abstract: A freestanding space elevator tower for launching payloads, tourism, observation, scientific research and communications. The space elevator tower has a segmented elevator core structure, each segment being formed of at least one pneumatically pressurized cell. The pressure cells may be filled with air or another gas. Elevator cars may ascend or descend on the outer surface of the elevator core structure or in a shaft on the interior of the elevator core structure. A payload may be launched from a pod or deck at the upper end of the space elevator tower. The space elevator tower is stabilized by gyroscopic and active control machinery. The space elevator tower maintains a desired pressure level through gas compressor machinery. Methods of constructing the space elevator are also disclosed.

25. Space elevator car mounting method

Date: 2016-08-02 | ID: 9403607

Abstract: A method of mounting cars on a free standing space elevator tower. The actively stabilized space elevator tower has a segmented elevator core structure, each segment being formed of at least one pneumatically pressurized cell. The method of mounting the elevator cars allows the cars to ascend or descend on the outer surface of the elevator core structure or in a shaft on the interior of the elevator core structure. The elevator cars grip the structure without use of a track and are able to pass other cars enabling bi-directional traffic flow using a twisting motion. The freestanding tower can be used for launch activities, tourism, observation, wind-energy generation, scientific research, and communications.

26. Interactive map

Date: 2016-08-30 | ID: 9429435

Abstract: An interactive capability enables a user to dynamically adjust the content of an electronic map. Different modes can be chosen to emphasize features relevant to a particular interest, e.g. commuting, tourism, weather, etc. Combinations of modes can be selected to create a customized map. When a search is conducted, the chosen mode functions as a filter for the retrieved results. The map responds to user input directed to a given feature, to display information relevant to that feature. Tapping or clicking on a highway displays the locations of services along the highway. Touching two points on the map causes available routes between them to be computed and displayed to the user, along with relevant data for each route. Geospatial applications can be integrated with the map to provide information pertaining to the area displayed on the

map, and to refine search results to those that are relevant to the area.

27. Method and device for pictorial representation of space-related data

Date: 2010-07-13 | ID: RE41428

Abstract: A method and device for the pictorial representation of space-related data, for example, geographical data of the earth. Such methods are used for visualising topographical or meteorological data in the form of weather maps or weather forecast films. Further fields of application are found in tourism, in traffic control, in navigation aids and also in studio technology. The space-related data, for example topography, actual cloud distribution, configurations of roads, rivers or frontiers, satellite images, actual temperatures, historical views, CAD-models, actual camera shots, are called up, stored or generated in a spatially distributed fashion. For a screen representation of a view of the object according to a field of view of a virtual observer, the required data are called up and shown only in the resolution required for each individual section of the image. The sub-division of the image into sections with different spatial resolutions is preferably effected according to the method of a binary or quadrant tree.

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Date: 2013-10-22 | ID: RE44550

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44. Method and system for training and organizing on-site event professionals

Date: 2005-12-27 | ID: 6979199

Abstract: The invention is a system and method for training and organizing on-site event professionals in the hospitality and tourism industry. The system has at least one server computer having a processor, an area of main memory for executing program code under the direction of the processor, a storage device for storing data and program code and a bus connecting the processor and the storage device, at least one relational database stored on the storage device, a data communications device connected to the bus for connecting the server computer to the Internet and Web-based training for on-site event professionals computer program code stored in the storage device and executing in the main memory under the direction of the processor.

45. Portable device supplying tourist information

Date: 2006-10-17 | ID: 7124024

Abstract: A mobile device to supply information, notably for tourism, to a user, has a storage device that is fragmented into sectors, each sector corresponding at least to one given geographic location and showing an address, a tracker of said device, capable of delivering positioning information, corresponding to the location wherein the device is situated, a processor capable of drawing up a reading instruction containing at least the address of the sector of the information to be supplied in relation the positioning information on the basis of one or several correspondence tables.

46. Data providing service system

Date: 2007-06-19 | ID: 7233858

Abstract: A data-providing service system of the present invention provides a user with data of an apparatus having a navigation function which outputs current position information. The data-providing service system provides a content provider such as restaurant, amusement, tourism guidance, hotel, music service and the like with content information, receives the content information, provides the user with information requesting membership registration, receives personal information from the user and provides the user with the content information. The content information includes link information for linking with personal information, and link information for linking primary judging information such as time information, climate information, environment information other than position information, or for linking with secondary judging information concerning the user such as personal identification information, hobby/taste information, using state/frequency information and the like. When current position information is outputted by the navigation function, the linked content information is outputted in accordance with the primary judging information or the secondary judging information.

47. Data-providing service system

Date: 2008-07-08 | ID: 7398152

Abstract: A data-providing service system of the present invention provides a user with data of an apparatus having a navigation function which outputs current position information. The data-providing service system provides a content provider such as restaurant, amusement, tourism guidance, hotel, music service and the like with content information, receives the content information, provides the user with information requesting membership registration, receives personal information from the user and provides the user with the content information. The content information includes link information for linking with personal information, and link information for linking primary judging information such as time information, climate information, environment information other than position information, or for linking with secondary judging information concerning the user such as personal identification information, hobby/taste information, using state/frequency information and the like. When current position information is outputted by the navigation function, the linked content information is outputted in accordance with the primary judging information or the secondary judging information.

48. Methods, systems, and computer program products for providing advertising and/or information services over mobile ad hoc cooperative networks using electronic billboards and related devices

Date: 2009-11-17 | ID: 7620026

Abstract: A method of operating an electronic billboard includes detecting a mobile electronic device within a predetermined distance of the electronic billboard, establishing an ad hoc wireless connection with the mobile electronic device, and transmitting location-specific data to the mobile electronic device over the ad hoc wireless connection. The location-specific data is associated with a geographic location of the electronic billboard. For example, the location-specific data may include advertising content, traffic and/or construction conditions, emergency information, and/or tourism information associated with the geographic location of the electronic billboard. Related methods, devices, and computer program products are also discussed.

49. Methods, systems, and computer program products for providing advertising and/or information services over mobile ad hoc cooperative networks using electronic billboards and related devices

Date: 2012-08-28 | ID: 8254338

Abstract: A method of operating an electronic billboard includes detecting a mobile electronic device within a predetermined distance of the electronic billboard, establishing an ad hoc wireless connection with the mobile electronic device, and transmitting location-specific data to the mobile electronic device over the ad hoc wireless connection. The location-specific data is associated with a geographic location of the electronic

billboard. For example, the location-specific data may include advertising content, traffic and/or construction conditions, emergency information, and/or tourism information associated with the geographic location of the electronic billboard. Related methods, devices, and computer program products are also discussed.

50. Self-propelled, laterally deployed, ocean wave energy converting power plant/beach replenishment system/oil spill containment boom

Date: 2013-06-18 | ID: 8466575

Abstract: Deployed laterally (broadside to the waves), this power plant hydraulically converts the breadth of waves into electricity. Costly hydraulic motors, generators Etc. need not be duplicated for each unit in series. Depleted waves break gently. Sand put into suspension by the turbulent release of energy from waves crashing onto un-harvested beaches, carried by the alongshore current to calm water, settles and remains. Replenishment is the natural by-product of wave energy conversion, avoiding costly, environmentally intrusive dredging and pumping. At sea, extensions aid energy harvesting from swells. In series, it defends against oil spills Etc. from washing up onto beaches. Free floating, easily removed for maintenance when tourism takes priority over energy, beach replenishment and oil spill protection. When the series is to be transported over long distances at sea, inclined planes can be pivoted 90 degrees enabling the series to be self-propelled by the swells to its new site.

51. Advertisement distribution system, advertisement distribution device, advertisement distribution method, advertisement distribution program, and computer readable record medium recorded with advertisement distribution program

Date: 2014-03-25 | ID: 8682727

Abstract: A travel support server (5) distributes a first e-mail to a user terminal device (2-k). The first e-mail has a link to the URL in which transfer function to a web page of a tourism resource corresponding to the user position in a travel destination and user information are embedded. An advertisement server (6) distributes a second e-mail to the user terminal device (2-k). The second e-mail has advertisement information which is provided to the user identified by selecting the link in the first e-mail.

52. Space elevator

Date: 2015-07-21 | ID: 9085897

Abstract: A freestanding space elevator tower for launching payloads, tourism, observation, scientific research and communications. The space elevator tower has a segmented elevator core structure, each segment being formed of at least one pneumatically pressurized cell. The pressure cells may be filled with air

or another gas. Elevator cars may ascend or descend on the outer surface of the elevator core structure or in a shaft on the interior of the elevator core structure. A payload may be launched from a pod or deck at the upper end of the space elevator tower. The space elevator tower is stabilized by gyroscopic and active control machinery. The space elevator tower maintains a desired pressure level through gas compressor machinery. Methods of constructing the space elevator are also disclosed.

53. Space elevator car mounting method

Date: 2016-08-02 | ID: 9403607

Abstract: A method of mounting cars on a free standing space elevator tower. The actively stabilized space elevator tower has a segmented elevator core structure, each segment being formed of at least one pneumatically pressurized cell. The method of mounting the elevator cars allows the cars to ascend or descend on the outer surface of the elevator core structure or in a shaft on the interior of the elevator core structure. The elevator cars grip the structure without use of a track and are able to pass other cars enabling bi-directional traffic flow using a twisting motion. The freestanding tower can be used for launch activities, tourism, observation, wind-energy generation, scientific research, and communications.

54. Interactive map

Date: 2016-08-30 | ID: 9429435

Abstract: An interactive capability enables a user to dynamically adjust the content of an electronic map. Different modes can be chosen to emphasize features relevant to a particular interest, e.g. commuting, tourism, weather, etc. Combinations of modes can be selected to create a customized map. When a search is conducted, the chosen mode functions as a filter for the retrieved results. The map responds to user input directed to a given feature, to display information relevant to that feature. Tapping or clicking on a highway displays the locations of services along the highway. Touching two points on the map causes available routes between them to be computed and displayed to the user, along with relevant data for each route. Geospatial applications can be integrated with the map to provide information pertaining to the area displayed on the map, and to refine search results to those that are relevant to the area.

55. Method and device for pictorial representation of space-related data

Date: 2010-07-13 | ID: RE41428

Abstract: A method and device for the pictorial representation of space-related data, for example, geographical data of the earth. Such methods are used for visualising topographical or meteorological data in the form of weather maps or weather forecast films. Further fields of application are found in tourism, in traffic control, in navigation aids and also in studio technology. The space-related data, for example topography,

actual cloud distribution, configurations of roads, rivers or frontiers, satellite images, actual temperatures, historical views, CAD-models, actual camera shots, are called up, stored or generated in a spatially distributed fashion. For a screen representation of a view of the object according to a field of view of a virtual observer, the required data are called up and shown only in the resolution required for each individual section of the image. The sub-division of the image into sections with different spatial resolutions is preferably effected according to the method of a binary or quadrant tree.

56. Method and device for pictorial representation of space-related data

Date: 2013-10-22 | ID: RE44550

Abstract: A method and device for the pictorial representation of space-related data, for example, geographical data of the earth. Such methods are used for visualising visualizing topographical or meteorological data in the form of weather maps or weather forecast films. Further fields of application are found in tourism, in traffic control, in navigation aids and also in studio technology. The space-related data, for example topography, actual cloud distribution, configurations of roads, rivers or frontiers, satellite images, actual temperatures, historical views, CAD-models, actual camera shots, are called up, stored or generated in a spatially distributed fashion. For a screen representation of a view of the object according to a field of view of a virtual observer, the required data are called up and shown only in the resolution required for each individual section of the image. The sub-division of the image into sections with different spatial resolutions is preferably effected according to the method of a binary or quadrant tree.