SEARCH METHOD AND APPARATUS, AND ELECTRONIC DEVICE

CROSS-REFERENCE TO RELATED APPLICATION(S)

[0001] The present application claims priority to Chinese Patent Application No. 202510127670.8, filed on January 27, 2025 and entitled "SEARCH METHOD AND APPARATUS, AND ELECTRONIC DEVICE", which is incorporated herein by reference in its entirety.

TECHNICAL FIELD

[0002] The present disclosure relates to the field of computer technologies, and in particular, to a search method and apparatus, and an electronic device.

BACKGROUND

[0003] With the development of computers, users may use electronic devices to implement various functions. For example, users may watch videos, shop, etc. via electronic devices.

[0004] In some scenarios, after viewing a video, a user may turn to a product selection interface. In a search box of the product selection interface, a name of a desired product may be input to search for the desired product.

SUMMARY

[0005] This summary section is provided to introduce concepts in a simplified form that are described in detail below in the Detailed Description section. This summary section is not intended to identify key features or essential features of the claimed technical solution, nor is it intended to be used to limit the scope of the claimed technical solution.

[0006] In a first aspect, an embodiment of the present disclosure provides a search method, including: displaying a first interface, where the first interface is used to display first product information; in response to a second interface display operation, displaying a second interface including a first search control and obtaining first product category information; displaying a second search control in the second interface, where the second search control is obtained based on the first search control; and displaying the first product category information in the second search control.

[0007] In a second aspect, an embodiment of the present disclosure provides a search apparatus, including: a first display unit, configured to display a first interface, where the first interface is used to display first product information; a second display unit, configured to, in response to a second interface display operation, display a second interface including a first search control and obtain first product category information; a third display unit, configured to display a second search control in the second interface, where the second search

control is obtained based on the first search control; and a fourth display unit, configured to display the first product category information in the second search control.

[0008] In a third aspect, an embodiment of the present disclosure provides an electronic device, including: one or more processors; and a storage apparatus, configured to store one or more programs, and when the one or more programs are executed by the one or more processors, the one or more processors are caused to implement the search method according to the first aspect.

[0009] In a fourth aspect, an embodiment of the present disclosure provides a computer-readable medium having a computer program stored thereon, and when the program is executed by a processor, steps of the search method according to the first aspect are implemented.

BRIEF DESCRIPTION OF THE DRAWINGS

[00010] The above and other features, advantages and aspects of various embodiments of the present disclosure will become more apparent in combination with the drawings and with reference to the following detailed description. Throughout the drawings, the same or similar reference numerals represent the same or similar elements. It should be understood that the drawings are schematic, and the components and elements are not necessarily drawn to scale.

[00011] FIG. 1 is a flowchart of an embodiment of a search method according to the present disclosure;

[00012] FIG. 2A, FIG. 2B and FIG. 2C are schematic diagrams of an application scenario of a search method according to the present disclosure;

[00013] FIG. 3A and FIG. 3B are schematic diagrams of an application scenario of a search method according to the present disclosure;

[00014] FIG. 4A, FIG. 4B and FIG. 4C are schematic diagrams of an application scenario of a search method according to the present disclosure;

[00015] FIG. 5 is a schematic structural diagram of an embodiment of a search apparatus according to the present disclosure;

[00016] FIG. 6 is an exemplary system architecture to which a search method of an embodiment of the present disclosure may be applied; and

[00017] FIG. 7 is a schematic diagram of a basic structure of an electronic device provided according to an embodiment of the present disclosure.

DETAILED DESCRIPTION OF EMBODIMENTS

[00018] Embodiments of the present disclosure will be described in more detail below with reference to the drawings. Although certain embodiments of the present disclosure are shown in the drawings, it should be understood that the present disclosure may be implemented in various forms and should not be interpreted as

limited to the embodiments set forth herein. Instead, these embodiments are provided for a more thorough and complete understanding of the present disclosure. It should be understood that the drawings and embodiments of the present disclosure are only for exemplary purposes, and are not intended to limit the protection scope of the present disclosure.

[00019] It should be understood that steps described in method implementations of the present disclosure may be performed in different orders and/or in parallel. Furthermore, the method implementations may include additional steps and/or omit performing the illustrated steps. The scope of the present disclosure is not limited in this respect.

[00020] The term "include/comprise" and variations thereof used herein are open-ended inclusions, that is, "include/comprise but not limited to". The term "based on" is "based at least in part on". The term "an embodiment" means "at least one embodiment"; the term "another embodiment" means "at least one additional embodiment"; the term "some embodiments" means "at least some embodiments". Relevant definitions of other terms will be given in the following description.

[00021] It should be noted that concepts such as "first" and "second" mentioned in the present disclosure are only used to distinguish different apparatuses, modules or units, and are not used to limit an order or interdependence of the functions performed by these apparatuses, modules or units.

[00022] It should be noted that modifications of "one" and "multiple" mentioned in the present disclosure are exemplary rather than restrictive, and those skilled in the art should understand that unless otherwise explicitly indicated in the context, they should be understood as "one or more".

[00023] Names of messages or information exchanged between multiple apparatuses in the implementations of the present disclosure are only for illustrative purposes, and are not intended to limit the scope of these messages or information.

[00024] Please refer to FIG. 1, which illustrates a flowchart of an embodiment of a search method according to the present disclosure. As shown in FIG. 1, the search method includes the following steps:

[00025] Step 101, a first interface is displayed.

[00026] In this embodiment, an execution body (such as a server and/or a terminal device) of the search method may display the first interface.

[00027] Here, the first interface is used to display first product information.

[00028] Here, the first interface may be any interface that may display the first product information, for example, the first interface may be used to display a livestream image of the first product, or may be a picture interface of the first product, or may be a video interface that introduces the first product.

[00029] Optionally, the first product may be any physical or virtual item. As an example, the first product is a summer lotion of brand A, and the first product category is summer lotion.

[00030] Step 102, in response to a second interface display operation, a second interface including a first search control is displayed and first product category information is obtained.

[00031] Here, the second interface display operation may be an operation used to instruct to display the second interface. An operation form and an operation position of the second interface display operation may be set according to actual needs, which are not limited herein. As an example, the second interface display operation may include but not limited to a switching operation of switching the livestream interface to the home page of the trading platform.

[00032] Optionally, when the second interface is displayed, the first interface may stop displaying; the first interface and the second interface may also be displayed at the same time.

[00033] Here, the first search control may be used to receive a search term. A form of the first search control may include a search box.

[00034] Step 103, a second search control is displayed in the second interface, where the second search control is obtained based on the first search control.

[00035] Here, the first search control may be changed to obtain the second search control. A manner of changing the first search control may be various, which is not limited herein.

[00036] Here, changing the first search control to obtain the second search control may refer to that after the first search control is changed, the first search control no longer exists, and the search control becomes the second search control. Changing the first search control includes changing a display style of the first search control, and also includes changing a display position of the first search control.

[00037] Step 104, the first product category information is displayed in the second search control.

[00038] Here, the first product category information of the first product displayed previously may be extracted, and the first product category information is displayed in the second search control.

[00039] In some embodiments, the method further includes: in response to a search operation, performing search based on the first product category information, and displaying a corresponding search result.

[00040] Here, the search operation may be used to confirm to perform a search based on the search term (that is, the first product category information) in the search control, so as to improve search efficiency.

[00041] Optionally, the search operation may include triggering a search confirmation control or triggering the search term.

[00042] In this way, if the search operation is initiated for the second search control, the search is performed based on the first product category information, and the corresponding search result is displayed.

[00043] It should be noted that in the search method provided by this embodiment, the first product information may be displayed in the first interface first; when the second interface is displayed based on the first interface, the first search control included in the second interface changes to become the second search control; and the first product category information is displayed in the second search control. In this way, through the change of the search control in the second interface, that is, from the first search control to the second search control, the first product category information displayed in the second search control may be highlighted, which is convenient for searching for the first product viewed previously, and may not only reduce the operation steps for the user to initiate a search and improve the search efficiency of the user, but also automatically provide the first product category information for searching, and compared with the user's induction of the search term, the accuracy of the search result may be improved.

[00044] As an example, please refer to FIG. 2A, FIG. 2B and FIG. 2C, which illustrate an example scenario to which one or more embodiments may be applied. FIG. 2A may display a first interface 201, and the first interface 201 may be used to display a black suit of brand A. Then, the first interface 201 switches to display a second interface 202 (as shown in FIG. 2B). The second interface 202 may include a first search control 203. The first search control 203 is changed to obtain a second search control 204. First product category information 205 (that is, the black suit) may be displayed in the second search control 204. Triggering the search confirmation control may perform a search based on a search term "black suit", and display a search result.

[00045] Optionally, a first product image 206 may also be displayed in the second search control.

[00046] In some embodiments, the first interface includes one or more of the following: a video interface that introduces the first product, a livestream interface that livestreams the first product, and a picture interface that displays the first product.

[00047] In some embodiments, the second interface includes one or more of the following: a product information display interface that displays multiple product information items, and a home page interface of a product trading platform.

[00048] In some embodiments, the method further includes: dynamically displaying a process of obtaining the second search control based on the first search control.

[00049] Here, the process of changing from the first search control to the second search control may be a dynamic process, that is, the first search control gradually changes to the second search control.

[00050] As an example, the first search control and the second search control differ in interface area, and the interface area of the second search control is larger than that of the first search control; the first search control may be slowly expanded until it becomes the second search control. Please refer to FIG. 3A and FIG. 3B, the search control in FIG. 3A becomes wider than the search control in FIG. 2B, the search control in FIG. 3B becomes longer than the search control in FIG. 3A, and the search control in FIG. 2C becomes longer than the

search control in FIG. 3B; that is, FIG. 2B, FIG. 3A, FIG. 3B and FIG. 2C show the dynamic process of the change of the search control.

[00051] In this way, by dynamically displaying the change process, the change process from the first search control to the second search control may be highlighted. The function of searching after viewing may be highlighted, and the user may be prompted to perform a search based on the first product viewed previously, so as to improve the probability of performing a search based on the first product category information.

[00052] In some embodiments, the difference between the second search control and the first search control may include: a control display area occupied by the second search control is larger than a control display area occupied by the first search control; and a border line width of the second search control is larger than a border line width of the first search control.

[00053] In some embodiments, the difference between the second search control and the first search control may include: the first search control and the second search control may differ in style, for example, a border style differs in one or more of the following aspects: width, line type, line curvature, and color.

[00054] It should be noted that the interface area occupied by the second search control is larger than the interface area (that is, the control display area) occupied by the first search control, and the second search control and the search term (that is, the first product category information) displayed in the second search control may be highlighted by the increase of the occupied interface area.

[00055] In some embodiments, the method further includes: displaying a first product image in the second search control.

[00056] As an example, please refer to FIG. 2C, in which a first product image 206 is shown.

[00057] In this way, the product viewed by the user previously may be displayed intuitively, the existence of the product viewed previously may be reinforced, and it may be prompted that the search may be performed based on the product viewed previously.

[00058] In some embodiments, the method further includes: displaying prompt information in the second search control.

[00059] Here, the prompt information is used to prompt the user that the first product information has been viewed.

[00060] As an example, please refer to FIG. 2C, and the words "just viewed" in FIG. 2C may be used as the prompt information.

[00061] In this way, the user may be prompted by the prompt information that the first product information has been viewed, and the search may be initiated based on the first product.

[00062] In some embodiments, the method further includes: displaying the first product category information in the first search control; and adding the first product image and the prompt information during a process of the first search control changing to the second search control, so as to display the prompt information, the first product image and the first product category information in the second search control.

[00063] As an example, please refer to FIG. 4A, FIG. 4B and FIG. 4C. FIG. 4A shows that the first product category information is displayed in the first search control. FIG. 4B and FIG. 4C show the change process from the first search control to the second search control, and during this change process, the prompt information and the first product image are added to the search control. In the second search control in the final state, the first product image, the prompt information and the first product category information are displayed.

[00064] That is, the information to be displayed in the second search control is gradually displayed in a dynamic manner, and through this dynamic process, the user is prompted of the relationship between the first product category information and the product viewed previously; and the probability of performing a search based on the first product category information is improved.

[00065] In some embodiments, the method further includes: in response to the second search control being displayed in the second interface and a preset restoration condition being satisfied, switching the second search control to the first search control in the second interface.

[00066] Here, when the second search control is displayed in the second interface, and in response to the preset restoration condition being satisfied, the second search control may be switched to the first search control in the second interface. That is, the second search control is restored to the first search control.

[00067] Here, the preset restoration condition may be set according to an actual application scenario, which is not limited herein. Optionally, the restoration condition may include: a display duration of the second search control being greater than a preset duration threshold, and a restoration control associated with the second search control being triggered.

[00068] Restoring the second search control to the first search control may reduce the existence prompt of the search control in the second interface after the probability of the user performing a search based on the first product category information decreases, thereby facilitating the user to view other information in the second interface, that is, reducing interference with the user obtaining other information in the second interface.

[00069] Further refer to FIG. 5, as an implementation of the methods shown in the above figures, the present disclosure provides an embodiment of a search apparatus, the apparatus embodiment corresponds to the method embodiment shown in FIG. 1, and the apparatus may be specifically applied to various electronic devices.

[00070] As shown in FIG. 5, the search apparatus of this embodiment includes: a first display unit 501, a second display unit 502, a third display unit 503, and a fourth display unit 504. The first display unit is configured to display a first interface, where the first interface is used to display first product information; the

second display unit is configured to, in response to a second interface display operation, display a second interface including a first search control and obtain first product category information; the third display unit is configured to display a second search control in the second interface, where the second search control is obtained based on the first search control; and the fourth display unit is configured to display the first product category information in the second search control.

[00071] In this embodiment, for the specific processing of the first display unit 501, the second display unit 502, the third display unit 503, the fourth display unit 504 and the search unit 505 of the search apparatus and the technical effects brought about by the specific processing, reference may be made to the relevant descriptions of step 101, step 102, step 103 and step 104 in the corresponding embodiment of FIG. 1, which are not repeated herein.

[00072] In some embodiments, the apparatus is further configured to: dynamically display a process of obtaining the second search control based on the first search control.

[00073] In some embodiments, the apparatus further includes: a search unit (not shown in the figure), configured to, in response to a search operation, perform a search based on the first product category information, and display a corresponding search result.

[00074] In some embodiments, the difference between the second search control and the first search control includes one or more of the following: a control display area occupied by the second search control is larger than a control display area occupied by the first search control; and a border line of the second search control is different from a border line of the first search control.

[00075] In some embodiments, the apparatus is further configured to: display a first product image in the second search control.

[00076] In some embodiments, the apparatus is further configured to: display prompt information in the second search control, where the prompt information is used to prompt the user that the first product information has been viewed.

[00077] In some embodiments, the apparatus is further configured to: display the first product category information in the first search control; and add the first product image and the prompt information during a process of the first search control changing into the second search control, so as to display the prompt information, the first product image and the first product category information in the second search control, where the prompt information is used to prompt the user that the first product information has been viewed.

[00078] In some embodiments, the apparatus is further configured to: in response to the second search control being displayed in the second interface and a preset restoration condition being satisfied, switch the second search control to the first search control in the second interface.

[00079] In some embodiments, the first interface includes one or more of the following: a video interface that introduces the first product, a livestream interface that livestreams the first product, and a picture interface that displays the first product.

[00080] In some embodiments, the second interface includes one or more of the following: a product information display interface that displays multiple product information items, and a home page interface of a product trading platform.

[00081] Please refer to FIG. 6, which illustrates an exemplary system architecture to which a search method according to an embodiment of the present disclosure may be applied.

[00082] As shown in FIG. 6, the system architecture may include terminal devices 601, 602, 603, a network 604, and a server 605. The network 604 is used to provide a medium for a communication link between the terminal devices 601, 602, 603 and the server 605. The network 604 may include various connection types, such as a wired connection, a wireless communication link, an optical fiber cable, etc.

[00083] The terminal devices 601, 602, 603 may interact with the server 605 through the network 604 to receive or transmit messages, etc. Various client applications, such as a web browser application, a search application, and a news and information application, may be installed on the terminal devices 601, 602, 603. The client applications in the terminal devices 601, 602, 603 may receive instructions from the user, and complete corresponding functions according to the instructions of the user, such as adding corresponding information to the information according to the instructions of the user.

[00084] The terminal devices 601, 602, 603 may be hardware or software. When the terminal devices 601, 602, 603 are hardware, they may be various electronic devices having a display screen and supporting web browsing, including but not limited to smart phones, tablet computers, e-book readers, MP3 (Moving Picture Experts Group Audio Layer III) players, MP4 (Moving Picture Experts Group Audio Layer IV) players, laptop portable computers, desktop computers, etc. When the terminal devices 601, 602, 603 are software, they may be installed in the electronic devices listed above. It may be implemented as multiple software programs or multiple software modules (for example, software program or a software module used to provide distributed services), or may be implemented as a single software program or a single software module, which is not specifically limited herein.

[00085] The server 605 may be a server that provides various services, such as receiving an information obtaining request sent by the terminal devices 601, 602, 603, and obtaining display information corresponding to the information obtaining request in various ways according to the information obtaining request, and sending related data of the display information to the terminal devices 601, 602, 603.

[00086] It should be noted that the search method provided by the embodiments of the present disclosure may be executed by the terminal device, and accordingly, the search apparatus may be disposed in the terminal devices 601, 602, 603. In addition, the search method provided by the embodiments of the present disclosure

may also be executed by the server 605, and accordingly, the search apparatus may be disposed in the server 605.

[00087] It should be understood that the number of terminal devices, networks and servers in FIG. 6 is only illustrative. There may be any number of terminal devices, networks and servers according to implementation needs.

[00088] Reference is made to FIG. 7 below, which illustrates a schematic structural diagram of an electronic device (such as the terminal device or the server in FIG. 6) suitable for implementing an embodiment of the present disclosure. The terminal device in the embodiment of the present disclosure may include, but is not limited to, mobile terminals such as a mobile phone, a notebook computer, a digital broadcast receiver, a personal digital assistant (PDA), a tablet computer, a portable media player (PMP), an in-vehicle terminal (such as an in-vehicle navigation terminal), and fixed terminals such as a digital TV and a desktop computer. The electronic device shown in FIG. 7 is only an example, and should not impose any limitation on the function and scope of use of the embodiment of the present disclosure.

[00089] As shown in FIG. 7, the electronic device may include a processing apparatus (such as a central processing unit and a graphics processing unit) 701, which may perform various appropriate actions and processes according to a program stored in a read-only memory (ROM) 702 or a program loaded from a storage apparatus 708 into a random access memory (RAM) 703. The RAM 703 also stores various programs and data required for the operation of the electronic device 700. The processing apparatus 701, the ROM 702 and the RAM 703 are connected to each other through a bus 704. An input/output (I/O) interface 705 is also connected to the bus 704.

[00090] Usually, the following apparatuses may be connected to the I/O interface 705: an input apparatus 706 including, for example, a touch screen, a touchpad, a keyboard, a mouse, a camera, a microphone, an accelerometer, and a gyroscope; an output apparatus 707 including, for example, a liquid crystal display (LCD), a speaker, a vibrator, etc.; a storage apparatus 708 including, for example, a magnetic tape and a hard disk; and a communication apparatus 709. The communication apparatus 709 may allow the electronic device to perform wireless or wired communication with other devices to exchange data. Although FIG. 7 shows an electronic device having various apparatuses, it should be understood that it is not required to implement or have all the apparatuses shown. More or fewer apparatuses may be implemented or provided alternatively.

[00091] In particular, according to an embodiment of the present disclosure, the process described above with reference to the flowchart may be implemented as a computer software program. For example, an embodiment of the present disclosure includes a computer program product, which includes a computer program carried on a non-transitory computer-readable medium, where the computer program contains program code for performing the method shown in the flowchart. In such an embodiment, the computer program may be downloaded and installed from a network through the communication apparatus 709, or installed from the storage apparatus 708, or installed from the ROM 702. When the computer program is

executed by the processing apparatus 701, the functions defined in the method of the embodiment of the present disclosure are executed.

[00092] It should be noted that the computer-readable medium of the present disclosure may be a computer-readable signal medium, a computer-readable storage medium, or any combination of the two. The computer-readable storage medium may be, for example, but is not limited to, an electrical, magnetic, optical, electromagnetic, infrared, or semiconductor system, apparatus or device, or any combination of the above. More specific examples of the computer-readable storage medium may include, but are not limited to: an electrical connection having one or more wires, a portable computer magnetic disk, a hard disk, a random access memory (RAM), a read-only memory (ROM), an erasable programmable read-only memory (EPROM or flash memory), an optical fiber, a portable compact disk read-only memory (CD-ROM), an optical storage device, a magnetic storage device, or any suitable combination of the above. In the present disclosure, the computer-readable storage medium may be any tangible medium that contains or stores a program, and the program may be used by or in combination with an instruction execution system, apparatus or device. In the present disclosure, the computer-readable signal medium may include a data signal propagated in a baseband or as a part of a carrier wave, and computer-readable program code is carried therein. This propagated data signal may adopt multiple forms, including but not limited to an electromagnetic signal, an optical signal, or any suitable combination of the above. The computer-readable signal medium may also be any computer-readable medium other than the computer-readable storage medium, and the computer-readable signal medium may send, propagate or transmit the program used by or in combination with the instruction execution system, apparatus or device. The program code contained on the computer-readable medium may be transmitted by any suitable medium, including but not limited to: a wire, an optical cable, a radio frequency (RF), etc., or any suitable combination of the above.

[00093] In some implementations, the client and the server may communicate using any currently known or future developed network protocol, such as the hypertext transfer protocol (HTTP), and may be interconnected with any form or medium of digital data communication (for example, a communication network). Examples of the communication network include a local area network ("LAN"), a wide area network ("WAN"), an internet (for example, the Internet), a peer-to-peer network (for example, an Ad-Hoc network), and any network currently known or to be developed in the future.

[00094] The computer-readable medium may be contained in the electronic device, or it may exist alone without being assembled into the electronic device.

[00095] The computer-readable medium carries one or more programs, and when the one or more programs are executed by the electronic device, the electronic device: displays a first interface, where the first interface is used to display first product information; in response to a second interface display operation, displays a second interface including a first search control and obtains first product category information; displays a

second search control in the second interface, where the second search control is obtained based on the first search control; and displays the first product category information in the second search control.

[00096] The computer program code for performing the operations of the present disclosure may be written in one or more programming languages or a combination thereof. The above programming languages include but are not limited to object-oriented programming languages such as Java, Smalltalk, C++, and include conventional procedural programming languages such as "C" language or similar programming languages. The program code may be executed entirely on a user computer, partly executed on a user computer, executed as an independent software package, partly executed on a user computer and partly executed on a remote computer, or entirely executed on a remote computer or server. In the case of involving a remote computer, the remote computer may be connected to the user computer through any kind of network, including a local area network (LAN) or a wide area network (WAN), or it may be connected to an external computer (for example, connected by using Internet provided by an Internet service provider).

[00097] The flowcharts and block diagrams in the drawings illustrate the possibly implemented architectures, functions and operations of the system, method and computer program product according to various embodiments of the present disclosure. In this regard, each block in the flowchart or block diagram may represent a module, program segment, or part of code, and the module, program segment, or part of code contains one or more executable instructions for implementing the specified logical functions. It should also be noted that, in some alternative implementations, the functions marked in the blocks may also occur in an order different from that marked in the drawings. For example, two blocks shown in succession may actually be executed substantially in parallel, or they may sometimes be executed in the reverse order, depending on the functions involved. It should also be noted that each block in the block diagram and/or the flowchart, and a combination of the blocks in the block diagram and/or the flowchart may be implemented by a dedicated hardware-based system that executes specified functions or operations, or may be implemented by a combination of dedicated hardware and computer instructions.

[00098] The involved units described in the embodiments of the present disclosure may be implemented by software or hardware. The name of the unit does not constitute a limitation on the unit per se under certain circumstances, for example, the search unit may also be described as "a unit for performing a search".

[00099] The functions described above herein may be performed at least in part by one or more hardware logic components. For example, without limitation, exemplary types of hardware logic components that may be used include: a field programmable gate array (FPGA), an application specific integrated circuit (ASIC), an application specific standard product (ASSP), a system-on-a-chip (SOC), a complex programmable logical device (CPLD), etc.

[000100] In the context of the present disclosure, a machine-readable medium may be a tangible medium that may contain or store a program for use by or in combination with an instruction execution system, apparatus or device. The machine-readable medium may be a machine-readable signal medium or a machine-readable

storage medium. The machine-readable medium may include, but is not limited to, an electronic, magnetic, optical, electromagnetic, infrared, or semi-conductive system, apparatus or device, or any suitable combination of the above. More specific examples of the machine-readable storage medium may include: an electrical connection based on one or more lines, a portable computer magnetic disk, a hard disk, a random access memory (RAM), a read-only memory (ROM), an erasable programmable read-only memory (EPROM or flash memory), an optical fiber, a portable compact disk read-only memory (CD-ROM), an optical storage device, a magnetic storage device, or any suitable combination of the above.

[000101] The above description is only preferred embodiments of the present disclosure and an explanation of the technical principles employed. Those skilled in the art should understand that the disclosure scope involved in the present disclosure is not limited to the technical solution formed by the specific combination of the above technical features, but also covers other technical solutions formed by any combination of the above technical features or their equivalent features without departing from the above disclosure concepts. For example, the above features and the technical features disclosed in the present disclosure (but not limited to) with similar functions are replaced each other to form a technical solution.

[000102] Furthermore, although the operations are depicted in a particular order, this should not be understood as requiring these operations to be performed in the particular order shown or in a sequential order. Under certain circumstances, multitasking and parallel processing may be advantageous. Likewise, although several specific implementation details are included in the above discussion, these should not be interpreted as limiting the scope of the present disclosure. Certain features described in the context of separate embodiments may also be implemented in a single embodiment in combination. Conversely, various features described in the context of a single embodiment may also be implemented in multiple embodiments individually or in any suitable sub-combination.

[000103] Although the subject matter has been described in a language specific to structural features and/or logical actions of the method, it should be understood that the subject matter defined in the appended claims is not necessarily limited to the specific features or actions described above. Conversely, the specific features and actions described above are only exemplary forms for implementing the claims.

CLAIMS

1. A search method, comprising:

displaying a first interface, wherein the first interface is used for displaying first product information;

in response to a second interface display operation, displaying a second interface comprising a first search control and obtaining first product category information;

displaying a second search control in the second interface, wherein the second search control is obtained based on the first search control; and

displaying the first product category information in the second search control.

2. The method of claim 1, further comprising:

in response to a search operation, performing a search based on the first product category information, and displaying a corresponding search result.

3. The method of claim 1, further comprising:

dynamically displaying a process of obtaining the second search control based on the first search control.

4. The method of claim 1, wherein a difference between the second search control and the first search control comprises one or more of:

a control display area occupied by the second search control being larger than a control display area occupied by the first search control; or

a border line of the second search control being different from a border line of the first search control.

5. The method of claim 1, further comprising:

displaying a first product image in the second search control.

6. The method of claim 1, further comprising:

displaying prompt information in the second search control, wherein the prompt information is used for prompting a user that the first product information has been viewed.

7. The method of claim 1, further comprising:

displaying the first product category information in the first search control; and

adding a first product image and prompt information during a process of the first search control changing into the second search control, so as to display the prompt information, the first product image and the first product category information in the second search control, wherein the prompt information is used for prompting a user that the first product information has been viewed.

8. The method of claim 1, further comprising:

in response to the second search control being displayed in the second interface and a preset restoration condition being satisfied, switching the second search control to the first search control in the second interface.

9. The method of claim 1, wherein the first interface comprises one or more of:

a video interface that introduces a first product;

a livestream interface that livestreams the first product; or

a picture interface that displays the first product.

10. The method of claim 1, wherein the second interface comprises one or more of:

a product information display interface that displays a plurality of product information items; or

a home page interface of a product trading platform.

11. A search apparatus, comprising:

a first display unit, configured to display a first interface, wherein the first interface is used for displaying first product information;

a second display unit, configured to, in response to a second interface display operation, display a second interface comprising a first search control and obtain first product category information;

a third display unit, configured to display a second search control in the second interface, wherein the second search control is obtained based on the first search control; and

a fourth display unit, configured to display the first product category information in the second search control.

12. An electronic device, comprising:

one or more processors; and

a memory, configured to store one or more programs,

wherein the one or more programs, when executed by the one or more processors, cause the one or more processors to implement the method of any of claims 1 to 10.

13. A computer-readable medium having a computer program stored thereon that, when executed by a processor, implements the method of any of claims 1 to 10.