stations **270** may also be referred to as base station transceiver subsystems (BTSs). In some cases, the term "base station" may be used to refer collectively to a BSC **275**, and one or more base stations **270**. The base stations may also be denoted "cell sites." Alternatively, individual sectors of a given base station **270** may be referred to as cell sites.

[0067] A terrestrial digital multimedia broadcasting (DMB) transmitter **295** is shown broadcasting to portable terminals **100** operating within the system. The broadcast receiving module **111** (FIG. **1**) of the portable terminal is typically configured to receive broadcast signals transmitted by the DMB transmitter **295**. Similar arrangements may be implemented for other types of broadcast and multicast signaling, as described above.

[0068] FIG. **4** further depicts several global positioning system (GPS) satellites **300**. Such satellites facilitate locating the position of some or all of the portable terminals **100**. Two satellites are depicted, but it is understood that useful positioning information may be obtained with more or less satellites. The position-location module **115** (FIG. **1**) of the portable terminal **100** is typically configured to communicate with the satellites **300** to obtain desired position information. Those skilled in the art will appreciated that other types of position detection technology, including location technology that may be used in addition to or instead of GPS location technology, may alternatively be implemented. If desired, some or all of the GPS satellites **300** may alternatively or additionally be configured to provide satellite DMB transmissions.

[0069] During typical operation of the wireless communication system, the base stations **270** receive sets of reverse-link signals from various mobile terminals **100**. The mobile terminals **100** are engaging in calls, messaging, and other communications. Each reverse-link signal received by a given base station **270** is processed within that base station. The resulting data is forwarded to an associated BSC **275**. The BSC provides call resource allocation and mobility management functionality including the orchestration of soft handoffs between base stations **270**. The BSCs **275** also route the received data to the MSC **280**, which provides additional routing services for interfacing with the PSTN **290**. Similarly, the PSTN **290** interfaces with the MSC **280**, and the MSC interfaces with the BSCs **275**, which in turn control the base stations **270** to transmit sets of forward-link signals to the mobile terminals **100**.

[0070] A configuration of a mobile terminal **100** for displaying a broadcast image on a standby screen according to an embodiment of the present invention will be explained in more detail with reference to FIGS. **1** to **3**.

[0071] The broadcast receiving module **111** receives a broadcast signal to be displayed on a standby screen. The broadcast receiving module **111** may include a tuner for receiving a broadcast signal of a specific channel transmitted through a satellite or a base station, a demodulation unit for demodulating a received broadcast signal, and a decoder for decoding the demodulated broadcast signal. The demodulated broadcast signal is decoded for an image signal and an audio signal.

[0072] The mobile communication module **112** may be implemented as a receiving unit for receiving a wireless signal from outside through an antenna (ANT) and demodulating the signal, and a transmitting unit for transmitting data outwardly after converting into a wireless signal. The wireless signal may include audio data, video data, and text data.

[0073] The user input unit **130** serves to input information for setting a display function of a standby screen by a user. The user input unit **130** has a setting key for setting a broadcast image to be displayed on the standby screen. Also, the user input unit **130** has a function key for implementing a broadcast viewing mode by a user's request while a broadcast image is displayed on the standby screen of the mobile terminal **100**.

[0074] When the current mode of the mobile terminal **100** is converted into a standby mode, the display **151** displays a broadcast image received through the broadcast receiving module **111** on the standby screen under control of the controller **180**. The display **151** displays a broadcast signal being currently broadcast rather than a general standby screen according to a display function of the standby screen set by a user. Furthermore, the display **151** displays an indicator or an icon for indicating an activated or non-activated status of the display function of the standby screen.

[0075] The audio output module **152** converts an audio signal decoded by the broadcast receiving module **111** into an audible frequency, and outputs the audio signal. Also, the audio output module **152** outputs an alarm sound according to a display mode of the standby screen. The audio output module **152** processes voice and an audio signals inputted through the microphone **122**, and outputs the processed signal.

[0076] The memory **160** stores programs and each type of data for controlling an operation of the mobile terminal **100**. The memory **160** also stores a program for setting a display function of the standby screen, and information for setting a display function of the standby screen.

[0077] The information for setting a display function of the standby screen may include information regarding a method of selecting a broadcast program to be displayed on the standby screen, and information regarding a display method of the broadcast image. The method of selecting a broadcast program is executed by using a preference channel, a broadcast program title, a search word, or a programming time. The broadcast image may be displayed in a still image mode and in a moving image mode.

[0078] The memory **160** may temporarily store a broadcast image received through the broadcast receiving module **111**, or a broadcast image displayed on the standby screen of the mobile terminal **100** under control of the controller **180**.

[0079] The controller **180** controls operation of the mobile terminal, and operation relevant to a broadcast viewing mode. The controller **180** also provides a setting menu or a relevant function so that a user can set a display function of the standby screen. The controller **180** searches a broadcast program based on at least one of a preference channel, a broadcast program title, a specific search word, and a broadcast time each set by the user.

[0080] When the current mode of the mobile terminal **100** is converted into a standby mode, the controller **180** checks whether the searched broadcast program is being broadcast. If the searched broadcast program is being broadcast, the controller **180** controls the display **151** so that a broadcast image of the broadcast program can be displayed on the standby screen of the mobile terminal. The broadcast image may be a still image or a moving image.

[0081] The controller **180** captures the broadcast image into a still image or a moving image based on the information for setting a display function of the standby screen. Then, the controller **180** stores the captured image in the memory **160**. The controller **180** selects a broadcast program with a certain