ABSTRACT

Provided are a method and apparatus for controlling a brain-computer interface device, and the brain-computer interface device. In the method, subsequent to obtaining, by the brain-computer interface device, electroencephalogram data of a user, a multi-modal feature is extracted from the electroencephalogram data and image data displayed by the brain-computer interface device. A fuzzy set corresponding to the multi-modal feature is obtained by the brain-computer interface device based on the multi-modal feature. Further, a control instruction corresponding to the multi-modal feature is obtained by the brain-computer interface device based on the fuzzy set corresponding to the multi-modal feature. The control instruction is executed by the brain-computer interface device, in such a manner that the brain-computer interface device can be controlled based on the electroencephalogram data of the user and the image data displayed by the brain-computer interface device.

Fig. 2