



(19) **United States**

(12) **Patent Application Publication**  
**ZHANG et al.**

(10) **Pub. No.: US 2024/0178770 A1**

(43) **Pub. Date: May 30, 2024**

(54) **HEAD-MOUNTED DISPLAY APPARATUS AND METHOD FOR CONTROLLING THE HEAD-MOUNTED DISPLAY APPARATUS**

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(21) Appl. No.: **18/209,163**

(22) Filed: **Jun. 13, 2023**

(30) **Foreign Application Priority Data**  
Nov. 28, 2022 (CN) ..... 202211503931.4

**Publication Classification**

(51) **Int. Cl.**  
*H02P 5/68* (2006.01)  
*G06F 1/16* (2006.01)  
*H02P 7/025* (2006.01)  
*H02P 7/29* (2006.01)

(52) **U.S. Cl.**  
CPC ..... *H02P 5/68* (2013.01); *G06F 1/163* (2013.01); *H02P 7/025* (2016.02); *H02P 7/29* (2013.01)

(57) **ABSTRACT**  
A head-mounted display apparatus includes a display, a strap and a head-turning assisting device; two ends of the strap are fixedly connected to the display; the head-turning assisting device is positioned in the strap; when the head-mounted display apparatus is worn on the head of the human body, the display is positioned in the position of the eyes of the human body, and the strap is wrapped around the head of the human body; the display includes a master controller and a display module, the master controller is electrically connected to both the head-turning assisting device and the display module. The master controller is configured to acquire a display image from the display module, and to control the head-turning assisting device to assist the head of the human body to turn according to the display image.

