

ABSTRACT

Embodiments of the present disclosure provide a method and apparatus for detecting an on-duty state of a driver, a device, and a computer storage medium. The method includes: determining that a vehicle-mounted image acquisition device is not blocked; extracting a face image from an image acquired by the vehicle-mounted image acquisition device when a vehicle is in a starting state, where the vehicle-mounted image acquisition device is mounted on the vehicle and is at least configured to acquire an image of a driving position region of the vehicle; and in response to the case that no face image is extracted from the acquired image, determining that the driver is off duty. In this way, in the embodiments of the present disclosure, after determining that the vehicle-mounted image acquisition device is not blocked, the on-duty state of the driver can be determined by determining whether the image acquired by the vehicle-mounted image acquisition device includes a face image. Therefore, the influence on the on-duty state detection of the driver caused by the blocking of the vehicle-mounted image acquisition device can be reduced, and the accuracy and reliability of the on-duty state detection of the driver can be improved.

[Figure 1]