

ABSTRACT

PERSONNEL ON-DUTY STATUS EARLY-WARNING METHOD, APPARATUS, DEVICE, SYSTEM AND MEDIUM

Provided is a personnel on-duty status early-warning method, apparatus, device, system and medium. The method includes: continuously collecting human body data of personnel in an actual working environment; determining on-duty status of the personnel corresponding to the collected human body data based on the obtained human body data by using a state detection model, the state detection model is obtained by pre-training a preset model based on a training dataset, and the training dataset includes human body data and corresponding on-duty status annotation information; performing on-duty status monitoring on the personnel based on the on-duty status determined for the personnel; and outputting early-warning prompt information in response to the on-duty status of the personnel during the on-duty status monitoring meeting a preset early-warning condition. The method can improve the detection accuracy of the personnel on-duty status.

Figure 1