

ABSTRACT

Disclosed are a smart medicine box and a controlling method thereof. The smart medicine box comprises an upper body and a lower body. The upper body comprises a biometric recognizer, a screen, a main controller, a plurality of lids, and a plurality of latching devices. The lower body comprises a plurality of cells, and each cell corresponds to one lid and forms an accommodating space for placing the medicine with the lid. The plurality of latching devices is coupled to the main controller. Each latching device can latch some lids, and then determine, according to a control signal of the main controller, whether one of the lids can be opened or not. The lids can be opened only when a user takes the medicine at the correct time, and the lids will be locked when the user takes the medicine at incorrect time or tries to reuse the medicine.

Fig. 1A