

Abstract

The present disclosure relates to a box lunch vending machine, which comprises a box body, a storage shelf and a pushing device, the storage shelf and the pushing device are arranged in the box body, the box body is provided with several exits, a cabinet door is articulated above the exit; the box body is provided with supporting plate, the supporting plate is located below the exit, and the interval between the supporting plate and the exit is larger than or equal to the thickness of the box lunch, the pushing device is arranged for opening the cabinet door to push out the box lunch on the storage shelf through the exit, when the box lunch falls on the supporting plate through the exit, the corresponding pushing device is retracted so that the cabinet door is closed. In the present box lunch vending machine, when the box lunch is pushed out by the pushing device and falls on the supporting plate through the exit, the cabinet door can be immediately closed no matter whether the box lunch is taken away, thereby reducing heat exchange of the box lunch vending machine and the external environment.

FIG. 14