

MOUNTING PLATFORM, BATTERY REPLACEMENT DEVICE, AND CONTROL METHOD THEREFOR

Abstract

Disclosed is a mounting platform, comprising: a tray(17) and a fixed plate(22); the tray(17) is used for carrying a battery, and the tray(17) is provided on the fixed plate(22) and can move horizontally in a first direction (X) relative to the fixed plate (22); a first guide fork(23) is provided on one side of the fixed plate(22), and the first guide fork(23) can move horizontally in a second direction (Y) perpendicular to the first direction (X); a second guide fork (24) is provided on one side of the tray(17), and the second guide fork (24) can move horizontally in the second direction(Y). Further provided is a control method, which is used for controlling the mounting platform above. The mounting platform can fit various models of vehicle batteries by providing the first guide fork and the second guide fork which can move in the second direction, thereby achieving universality of a battery replacement station. Further disclosed are a battery replacement device and a control method for the mounting platform.

Figure 1