

ABSTRACT

AUTOMATIC PEDAL RETRACTION METHOD

A method for automatic retraction of a pedal of a bicycle. An electric actuator is provided on a crank (2), and the pedal (4) is driven to be retracted by the electric actuator to complete a first retraction, so that long side of the pedal is changed into a front-rear direction from a left-right direction; a motor (13) mounted on a bicycle frame drives the crank (2) to idle, and the pedal (4) is gradually straightened in the first retraction process to be parallel with the plane of the bicycle frame to complete a second retraction of the pedal (4). Using this method, the pedal can be conveniently retracted, and the transverse (left-right) occupying space is minimized, thereby facilitating the automatic storage and saving the storage space.

(FIG. 1)