

ABSTRACT

The present disclosure relates to a state control apparatus for a laser radar, and a laser radar and a control method therefor. The laser radar comprises a plurality of functional modules for maintaining the operation of the laser radar. The state control apparatus for the laser radar comprises: a pre-storage module , which is used for storing state information of functional modules; a state determination module, which is connected to the pre-storage module, and is used for acquiring feedback signals of the functional modules in real time and comparing the acquired feedback signals of the functional modules with the state information, so as to determine the operating states of the functional modules in the laser radar; and a state control module, which is connected to the state determination module, and is used for adjusting function parameters of the functional modules in the laser radar according to the operating states determined by the state determination module. By means of the apparatus, the operating states of all functional modules can be detected, and the functional modules can be adjusted or controlled in a timely manner.

Fig. 1