PROPULSION CONTROL METHOD, CONTROLLER AND CONTROL SYSTEM FOR TUNNEL BORING MACHINE, AND STORAGE MEDIUM

Abstract

The present disclosure relates to the field of tunnel construction, and provides a propulsion control method, controller and control system for a tunnel boring machine, and a storage medium. The method includes: obtaining an actual position of the tunnel boring machine, a designed axis, and a segment uplift amount; calculating a planned tunneling trajectory based on the actual position, the designed axis, and the segment uplift amount; and controlling the tunnel boring machine to match the actual position of the tunnel boring machine with the planned tunneling trajectory.

[FIG. 1]