

ANNOTATION

Research paper is done on the theme "Automatic Electric outboard rail road." It includes the following sections: technological part; special part; life safety; economic part.

In a special section, the calculation of the frequency inverter for induction motor. A frequency converter control circuit is shown. Mechanical and dynamic characteristics obtained by the simulation of the frequency converter circuit are received.

In the economical part of the comparative analysis of the choice of the projected DC motor and induction motor. The chosen option costs were estimated

In the life safety part calculates natural and artificial lighting, to calculate the number of needed lamps.