

RAIL INSTALLATION ASSIST DEVICE, RAIL INSTALLATION ASSIST
METHOD, RAIL INSTALLATION ASSIST SYSTEM, AND COMPUTER PROGRAM
PRODUCT

ABSTRACT

A rail installation assist device includes at least control circuitry. The control circuitry is configured to acquire displacement information representing displacement of individual rail brackets and a rail joint from a reference position, the rail brackets that fix guide rails in an elevator shaft, the rail joint that joins the guide rails together; estimate, from the displacement information, a change in the displacement information of the rail brackets and the rail joint when the rail brackets are moved to given target positions; calculate an evaluation value for variation in the displacement information before the change and an evaluation value for variation in the displacement information after the change; and set positions of the rail brackets based on a result of comparison between the evaluation values.

Fig. 3