

ELEVATOR ROPE TENSION ADJUSTING DEIVCE AND ELEVATOR ROPE TENSION
ADJUSTING SYSTEM

ABSTRACT

An elevator rope tension adjusting device includes a rope coming-off preventing unit and a rope turning preventing unit. The rope coming-off preventing unit has a thimble rod drawing pipe lower portion, and a coming-off preventing pin which is inserted into a long hole of the thimble rod drawing pipe lower portion and a through hole of a thimble rod to prevent the thimble rod from coming off. The rope turning preventing unit has a hydraulic actuator fixing portion, a hydraulic actuator which has an insertion space allowing the thimble rod to be attached to the thimble rod drawing pipe lower portion and which is attached onto a collar of the hydraulic actuator fixing portion to expand/contract vertically, a thimble rod drawing pipe upper portion which is screwed to an external thread portion of the thimble rod drawing pipe lower portion to abut against a top surface of the hydraulic actuator, and a turning preventing pin by which torque given to the thimble rod is transmitted to the hydraulic actuator fixing portion. Thus, it is possible to provide an elevator rope tension adjusting device by which a main rope with tension applied thereto can be prevented from turning and coming off, to thereby improve safety in the work for adjusting the tension of the main rope and elongate the life of the main rope.

Fig. 14