of a plurality of wire ropes. In the case of cleaning the main rope with the above-described rope cleaning jig, the member is to be rotated about the axis of each wire rope of the main rope.

However, when the members are rotated about the axes of the respective wire ropes, there are some cases where the rotation causes the wire ropes to sway abnormally and become tangled with each other.

SUMMARY

According to one aspect, there is provided an elevator rope cleaning jig comprising:

a pair of stages configured to sandwich a plurality of to-be-cleaned wire ropes all together from both sides of the plurality of wire ropes;

a plurality of rotational members respectively comprising holes allowing the respective wire ropes to pass through and configured to rotate in contact with the pair of stages when the wire ropes pass through the holes; and

a pair of rollers attached to the pair of stages, which is configured to sandwich the wire ropes to suppress swaying of the wire ropes having passed through the holes of the rotational members and rotate in contact with the wire ropes.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is an explanatory diagram showing an example of the installation position of an elevator rope cleaning jig of an embodiment.

FIG. 2 is a perspective diagram showing an example of the structure of the rope cleaning jig.

FIG. 3 is an explanatory diagram showing an example of the structure of a rotational member.

FIG. 4 is a diagram showing an example of the relationship between the rotational member and a spatula member.

FIG. 5 is a sectional view of the rope cleaning jig.

FIG. 6 is an explanatory diagram showing an example of the structures of sway suppression rollers.

FIG. 7 is a diagram showing a state where a front jig and a rear jig are coupled together.

FIG. 8 is a diagram showing a state where the rope cleaning jig is installed on a machine beam.

FIG. 9 is a diagram showing a state where the wire ropes having passed through the rope cleaning jig are swaying.

FIG. 10 is a diagram showing a state where the swaying of the wire ropes is suppressed by the sway suppression rollers.

FIG. 11 is a diagram showing a state where a scattering prevention member is attached to the upper portions of the spatula members.

FIG. 12 is an explanatory diagram showing a rope