WHAT IS CLAIMED IS:

1. A machine room-less elevator, comprising:

a governor rope coupled with a cage, moving up and down in synchronism with the cage, and extended in an endless manner in a hoist way; and

a control panel provided in the hoist way and disposed near the governor rope,

wherein a roller is mounted to the control panel; and

wherein the control panel is disposed in a space formed when the governor rope is pressed by the roller to retreat.

2. A machine room-less elevator according to claim 1,

wherein the rollers are provided in upper and lower portions of the control panel and protrude from the control panel toward the governor rope.

3. A machine room-less elevator according to claim 1 or claim 2,

wherein a first pulley is provided in an upper portion of the hoist way and a second pulley is provided in a lower portion of the hoist way;

wherein the governor rope is coupled with the cage on one side with respect to the first pulley and the second pulley; and

wherein, with respect to the first pulley and the second pulley, the roller presses the governor rope on the other side toward the governor rope on the one side.

4. A machine room-less elevator according to any one of claims 1 to 3,

wherein a swing-prevention member is provided in a roller part having the roller.

5. A machine room-less elevator according to any one of claims 1 to 4,

wherein a fixing rectangular plate is provided which installs the roller in a protruding manner from the control panel in a thickness direction of the control panel.

6. A machine room-less elevator according to any one of claims 1 to 5,

wherein a rotation detector is provided for detecting rotational speed of the roller.

[Claims]

[Claim 1]

A machine room-less elevator, comprising:

a governor rope coupled with a cage, moving up and down in synchronism with the cage, and extended in an endless manner in a hoist way; and

a control panel provided in the hoist way and disposed near the governor rope,

wherein a roller is mounted to the control panel; and

wherein the control panel is disposed in a space formed when the governor rope is pressed by the roller to retreat.

[Claim 2]

A machine room-less elevator according to claim 1,

wherein the rollers are provided in upper and lower portions of the control panel and protrude from the control panel toward the governor rope.

[Claim 3]

A machine room-less elevator according to claim 1 or claim 2,

wherein a first pulley is provided in an upper portion of the hoist way and a second pulley is provided in a lower portion of the hoist way;

wherein the governor rope is coupled with the cage on one side with respect to the first pulley and the second pulley; and

wherein, with respect to the first pulley and the second pulley, the roller presses the governor rope on the other side toward the governor rope on the one side.

[Claim 4]

A machine room-less elevator according to any one of claims 1 to 3,

wherein a swing-prevention member is provided in a roller part having the roller.

[Claim 5]

A machine room-less elevator according to any one of claims 1 to 4,

wherein a fixing rectangular plate is provided which installs the roller in a protruding manner from the control panel in a thickness direction of the control panel.

[Claim 6]

A machine room-less elevator according to any one of claims 1 to 5,

wherein a rotation detector is provided for detecting rotational speed of the roller.