

BRAKE APPARATUS OF ELEVATOR

[Abstract]

To provide a brake apparatus of an elevator, which apparatus can rapidly remove dew condensed on a brake drum. According to the invention, there are provided a dew condensation detection sensor 8 which detects dew condensed on a surface of a brake drum 1 and a dew condensation removal device 7 which is operated to remove the dew condensed on the surface of the brake drum 1 based on a signal outputted from the dew condensation detection sensor 8. The dew condensation removal device 7 is provided with a dew condensation determination portion 13, a suction portion 19, a lifting portion 18 and a motor 15. The dew condensation determination portion 13 determines whether it is necessary to remove the condensed dew or not based on the signal outputted from the dew condensation detection sensor 8. The suction portion 19 abuts against the surface of the brake drum 1 so as to be able to suck the dew condensed on the surface of the brake drum 1 when the dew condensation determination portion 13 determines that it is necessary to remove the condensed dew. The lifting portion 18 and the motor 15 lift up/down the suction portion 19 to make the suction portion 19 abut against the surface of the brake drum 1 or to make the suction portion 19 leave the surface of the brake drum 1 based on the determination made by the condensation determination portion 13.

Fig. 4