

ELEVATOR APPARATUS

ABSTRACT

A controlled-operation control part (23) of an elevator apparatus performs vibration dumping controlled operation to damp vibration of a main rope (4) by a vibration damping member (21) by moving a cage (2) to a position where the vibration of the main rope (4) is restrained and by moving the vibration damping member (21) of a vibration damping device (17) disposed in an upper portion of the cage (2) further upward by an expanding/contracting mechanism part (18) when a maximum relative displacement amount α of the main rope (4) calculated in a calculation part (22) is not more than a predetermined relative displacement amount threshold value a , and performs pausing controlled operation to move and evacuate the cage to a nearest floor when the maximum relative displacement amount α of the main rope (4) calculated in the calculation part (22) exceeds the predetermined relative displacement amount threshold value a .

Fig. 1