

Title (en)
ELEVATOR MAINTENANCE MODE SWITCHING DEVICE

Title (de)
AUFZUGSEINRICHTUNG ZUR UMSCHALTUNG NACH WARTUNGSMODUS

Title (fr)
DISPOSITIF DE COMMUTATION EN MODE DE MAINTENANCE POUR UN ASCENSEUR

Publication
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Application
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Priority
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Abstract (en)
The present invention provides a maintenance mode shifting apparatus for an elevator system that automatically performs a shift to a maintenance mode and can prevent the personnel entrance into the pit by error. A maintenance mode shifting apparatus for an elevator system includes, for shifting the driving mode of an elevator system to a maintenance mode, a maintenance mode shift switch of self-holding type that detects the entrance of personnel into the elevator pit and shifts to a maintenance mode, and a reset switch that is provided within the elevator hoistway for putting off the maintenance mode shift switch and cannot be operated from the landing when the elevator landing door is closed. The maintenance mode shift switch may be either of weight-detecting or heat-detecting type. A weight detecting switch may include a ladder used by personnel when entering into the pit, a guide-support means that supports the ladder in the way allowing a limited movement to the ladder along the hoistway wall, and a detection switch that detects the movement of said ladder due to the weight of personnel and shifts the elevator to the maintenance mode.
<IMAGE>

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B66B 5/00

IPC 8 full level
B66B 5/00 (2006.01)

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B66B 5/005 (2013.01); **B66B 5/0087** (2013.01)

Cited by
EP2070859A4; EP2765108A1; EP3409627A1; CN108934115A; US11072515B2; US11040853B2; US11091351B2; US10889465B2; US10676321B2; US11124383B2; US9630804B2

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