Title (en)
   ELEVATOR DEVICE

Title (de)
   AUFZUGSVORRICHTUNG

Title (fr)
   DISPOSITIF D'ASCENSEUR

Publication
   EP 2610205 A1 20130703 (EN)

Application
   EP 10856400 A 20100824

Priority
   JP 2010064252 W 20100824

Abstract (en)
   Provided is an elevator device capable of improving safety by ensuring consistency between determination of landing and determination of lock
   release for doors and, in addition, capable of facilitating space-saving. An elevator device (1) includes: a car (5) to be raised and lowered in a
   hoistway (3); a lock control mechanism (7) for doors; and a car-landing detection mechanism (9). The elevator device further includes a plurality of
   bodies (87) to be detected, which are respectively fixed to the hoistway and provided on corresponding floors. The plurality of bodies to be detected
   constitute both the lock control mechanism for doors and the car-landing detection mechanism. The lock control mechanism for doors includes a
   movable body (61) provided to be raised and lowered together with the car and moved due to presence of the plurality of bodies to be detected
   so as to perform switching between a locked state and an unlocked state of the doors. The car-landing detection mechanism includes at least one
   sensor (89) provided to be raised and lowered together with the car, for detecting the presence of the plurality of bodies to be detected.

IPC 8 full level
   B66B 13/18 (2006.01); **B66B 3/02** (2006.01)

CPC (source: EP KR)
   B66B 1/36 (2013.01 - EP); **B66B 3/02** (2013.01 - KR); **B66B 13/12** (2013.01 - EP); **B66B 13/18** (2013.01 - EP KR)

Cited by
   US11390492B2

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   AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
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