

Title (en)
ELAVATOR CAR

Title (de)
AUFZUGSKABINE

Title (fr)
CABINE D'ASCENSEUR

Publication
EP 1958912 A4 20121226 (EN)

Application
EP 05814602 A 20051208

Priority
JP 2005022554 W 20051208

Abstract (en)
[origin: EP1958912A1] A car frame has a lower frame extending horizontally, an upper frame disposed above the lower frame, and a pair of longitudinal frames extending vertically to joint ends of the lower frame to ends of the upper frame, respectively. A car floor is laid on the lower frame. A pair of longitudinal pillars, which are disposed so as to interpose therebetween a plane including the longitudinal frames, are fixed at lower ends thereof to edges of the car floor, respectively. A plurality of lateral members are fixed between upper ends of the longitudinal frames and upper ends of the longitudinal pillars, respectively. A support device for receiving a load of the car floor is provided to the lower frame at an intermediate portion thereof. The support device has a pair of support bodies disposed along an intersectional direction intersecting with a length direction of the lower frame while interposing the lower frame therebetween. A first diagonal member and a second diagonal member are each disposed at least either between one of the longitudinal frames and one of the longitudinal pillars or between the other longitudinal frame and the other longitudinal pillar. The first diagonal member is connected at one end thereof to a corresponding one of the longitudinal frames, and at the other end thereof to a corresponding one of the edges of the car floor. The second diagonal member is connected at one end thereof to the longitudinal frame, and at the other end thereof to a corresponding one of the lateral members.

IPC 8 full level
B66B 11/02 (2006.01)

CPC (source: EP)
B66B 11/02 (2013.01); **B66B 11/0206** (2013.01)

Citation (search report)

- [A] GB 1495610 A 19771221 - AZURMENDI INCHAUSTI J, et al
- [A] US 5564529 A 19961015 - ERICSON RICHARD J [US], et al
- [A] US 2246732 A 19410624 - FREDERICK HYMANS
- See references of WO 2007066402A1

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KR101876835B1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
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EP 05814602 A 20051208; JP 2005022554 W 20051208; JP 2006538581 A 20051208