

Title (en)
Elevator.

Title (de)
Aufzug.

Title (fr)
Ascenseur.

Publication
EP 0513509 B1 19951122 (DE)

Application
EP 92105573 A 19920401

Priority
CH 143691 A 19910514

Abstract (en)
[origin: EP0513509A1] With this device, it is possible to open the car door of an elevator car located in the region of a particular floor, together with a coupled shaft door, normally by automatic drive or, in a power cut, by hand. If the elevator car is located outside a particular floor, the car door remains locked. A control cam (15) arranged at the upper end of a door leaf of the car door is connected in an articulated manner to the door-driving device via a band-shaped drive means. The control cam (15) brings about a low-jolt opening and closing of the car door on the closing side and of a driving parallelogram (18) necessary for coupling the shaft door to the car door and connected to the control cam (15) by means of a pull rod (36). Also arranged at the upper end of the same door leaf independently of the door-driving device is a locking mechanism having a pivotably mounted car-door bolt (46) and an electrical safety contact. The car-door bolt (46) possesses for release an actuating roller (49) which is actuated by a double lever (39), connected in an articulated manner to the driving parallelogram (18) and to the control cam (15), when the car stands in the door-opening region of a particular floor. <IMAGE>

IPC 1-7
B66B 13/12

IPC 8 full level
B66B 13/12 (2006.01); **E05F 15/10** (2006.01)

CPC (source: EP KR US)
B66B 13/00 (2013.01 - KR); **B66B 13/12** (2013.01 - EP US)

Cited by
EP1930285A1; US5918706A; FR2717166A1; CN100383030C; DE112010003974B4; CN104003269A; EP1541517A1; CN100379672C; US6021871A; EP0701961A1; FR2724643A1; US5819877A; DE29508499U1; EP0744373A3; US7100745B2; US7637356B2; US6513628B2; US8973714B2; WO9737923A1

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