

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF POUR ASCENSEUR

Publication
EP 1916214 A1 20080430 (EN)

Application
EP 05745868 A 20050531

Priority
JP 2005009926 W 20050531

Abstract (en)
There is provided an elevator apparatus in which the rising of a car moving vertically in an elevator shaft to above a predetermined height is restricted mechanically by a simple method, by which a predetermined space is formed above the car at the time of elevator maintenance work, and thereby the safety of a maintenance worker can be ensured reliably. For this purpose, a locking element is provided on a shaft fixing body at the predetermined height, and an engaging portion is provided on the top of the car, the engaging portion being configured so that the arrangement thereof can be switched between a position at which the engaging portion interferes with a part of the locking element on the vertical projection plane at the time of elevator maintenance work and a position at which the engaging portion does not interfere with the locking element on the vertical projection plane at the time of the normal operation of elevator by an operation on the top of the car.

IPC 8 full level
B66B 5/00 (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP)
B66B 5/0075 (2013.01); **B66B 11/0246** (2013.01)

Cited by
EP2301881A1; CN109476461A; EP3257800A1; CN107522064A; EP2794450A4; JP2018104117A; WO2018011461A1; US10800636B2; WO2013095408A1; US9764925B2

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DE

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EP 05745868 A 20050531; CN 200580017878 A 20050531; JP 2005009926 W 20050531; JP 2006524981 A 20050531