

Title (en)

Method and emergency drive device for driving an elevator car

Title (de)

Verfahren und Hilfsantriebseinrichtung zum Antreiben einer Aufzugskabine

Title (fr)

Méthode et dispositif d'entraînement de secours pour entraîner une cabine d'ascenseur

Publication

EP 1669315 A1 20060614 (DE)

Application

EP 04106506 A 20041213

Priority

EP 04106506 A 20041213

Abstract (en)

The method is for the driving of an elevator car (4) driven by a flexible drive element (10), whereby a first auxiliary unit (20) is rigidly attached to the elevator car or movably attached to the drive element, a second auxiliary unit (22) is attached to a guide rail (8.1) at a distance from the first unit, and a third auxiliary unit (24) comprises a flexible auxiliary drive element and an auxiliary operating mechanism (24.2). The elevator car is moved along the guide rail. A first run (24.11) of the auxiliary drive element extends from the first auxiliary unit to the second and third, and a second run (24.12) extends from the second or third unit to the first auxiliary unit. An independent claim is included for an auxiliary drive unit for an elevator car movable along a guide rail.

IPC 8 full level

B66B 5/02 (2006.01); **B66D 3/02** (2006.01)

CPC (source: EP)

B66B 5/0087 (2013.01); **B66B 5/027** (2013.01); **B66D 3/02** (2013.01)

Citation (search report)

- [XY] EP 0983956 A2 20000308 - TOSHIBA KK [JP]
- [XAY] US 6698723 B1 20040302 - ANTONINI DENO [US]
- [XAY] GB 365246 A 19320121 - SIMON FAURE
- [A] US 2002148687 A1 20021017 - CHEN YUNG-HSIN [TW]

Cited by

CN110654951A; EP2301880A1; EP3395741A4; EP3153444A1; EP2976282A4; CN111908286A; EP2407411A1; FR2962722A1; US10246304B2

Designated contracting state (EPC)

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