

Title (en)

Elevator system with driving gear incorporated in the counterweight

Title (de)

Aufzugsanlage mit einer im Gegengewicht integrierten Antriebseinheit

Title (fr)

Système d'ascenseur avec entraînement incorporé dans le contrepoids

Publication

EP 1574472 A3 20060816 (DE)

Application

EP 05004505 A 20050302

Priority

DE 102004010528 A 20040304

Abstract (en)

[origin: EP1574472A2] The elevator installation, with a cabin (12) for passengers or freight, has a drive (16) at the counterweight (17) and at least one cable system (14) to link the counterweight and cabin. The drive is a powered disk or roller (22) at the bottom of the counterweight, with a toothed drive belt (22b) or cogwheel transmission to a cable deflection roller (20) at the top of the counterweight.

IPC 8 full level

B66B 17/12 (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)

B66B 11/0055 (2013.01)

Citation (search report)

- [X] US 6138799 A 20001031 - SCHROEDER-BRUMLOOP HELMUT [DE], et al
- [X] EP 0631969 A2 19950104 - KONE OY [FI]
- [X] WO 0053520 A1 20000914 - HITACHI LTD [JP], et al
- [AE] EP 1595840 A1 20051116 - MITSUBISHI ELECTRIC CORP [JP]
- [A] WO 0035800 A1 20000622 - TOSHIBA KK [JP], et al

Cited by

EP2497739A1; US8109367B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1574472 A2 20050914; EP 1574472 A3 20060816; EP 1574472 B1 20071212; AT E380774 T1 20071215; DE 502005002182 D1 20080124; ES 2297550 T3 20080501; PT 1574472 E 20080312

DOCDB simple family (application)

EP 05004505 A 20050302; AT 05004505 T 20050302; DE 502005002182 T 20050302; ES 05004505 T 20050302; PT 05004505 T 20050302