

Title (en)

Belt-climbing elevator having drive in counterweight

Title (de)

Gurtaufzug mit Antrieb am Gegengewicht

Title (fr)

Ascenseur à câble élévateur doté d'un contrepoids d'entraînement

Publication

EP 1808399 A3 20071128 (EN)

Application

EP 07008069 A 19990219

Priority

- EP 99908277 A 19990219
- US 3110898 A 19980226
- US 16358498 A 19980930
- US 21899098 A 19981222

Abstract (en)

[origin: EP1808399A2] An elevator system includes a counterweight-drive assembly (26) having a motor (32) and drive pulley (36) mounted internally to engage a drive belt (42) for climbing or descending with respect thereto, resulting in raising or lowering of an elevator car (12) coupled to said counterweight-drive assembly (26).

IPC 8 full level

B66B 7/06 (2006.01)

CPC (source: EP KR)

B66B 9/02 (2013.01 - EP KR); **B66B 9/027** (2013.01 - EP); **B66B 11/0055** (2013.01 - EP)

Citation (search report)

- [XY] EP 0606875 A1 19940720 - KONE OY [FI]
- [XY] EP 0631969 A2 19950104 - KONE OY [FI]
- [XY] EP 0630849 A2 19941228 - KONE OY [FI]
- [XY] FR 2640604 A1 19900622 - OTIS ELEVATOR CO [US]
- [X] EP 0565516 A1 19931013 - HAGEL WERNER [AT]
- [Y] GB 2134209 A 19840808 - BLACKS EQUIP LTD
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Cited by

US11040859B2; WO2020089606A3; WO2010010024A1

Designated contracting state (EPC)

DE ES FR IT PT

DOCDB simple family (publication)

EP 1808399 A2 20070718; EP 1808399 A3 20071128; EP 1808399 B1 20091209; KR 100567688 B1 20060405; KR 20010041322 A 20010515; TW 479050 B 20020311

DOCDB simple family (application)

EP 07008069 A 19990219; KR 20007009432 A 20000825; TW 88102941 A 19990226