

Title (en)

ELEVATOR SYSTEM WITH OVERHEAD DRIVE MOTOR

Title (de)

AUFZUGSSYSTEM MIT OBENLIEGENDEM ANTRIEBSMOTOR

Title (fr)

SYSTEME ASCENSEUR AVEC LE MOTEUR D'ENTRAINEMENT MONTÉ EN HAUT

Publication

EP 1066213 A1 20010110 (EN)

Application

EP 99936067 A 19990219

Priority

- US 9903648 W 19990219
- US 3110898 A 19980226
- US 16321898 A 19980929
- US 21899098 A 19981222

Abstract (en)

[origin: WO9943593A1] An elevator system includes a hoistway defined in a surrounding structure, and an elevator car and at least one counterweight disposed in the hoistway. The hoistway defines an overhead space over a vertical extent of the hoistway between a ceiling of the hoistway and a top portion of the elevator car at its highest operable location along the hoistway. At least one drive motor is disposed in the overhead space and drivingly couples and suspends the elevator car via at least one flat rope or belt.

IPC 1-7

B66B 9/02; **B66B 7/02**

IPC 8 full level

B66B 7/00 (2006.01); **B66B 7/02** (2006.01); **B66B 7/06** (2006.01); **B66B 7/08** (2006.01); **B66B 7/10** (2006.01); **B66B 9/02** (2006.01); **B66B 11/00** (2006.01); **B66B 13/30** (2006.01); **B66B 17/12** (2006.01); **D07B 1/06** (2006.01); **D07B 1/16** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP)

B66B 7/027 (2013.01); **B66B 11/0035** (2013.01); **B66B 11/008** (2013.01); **B66B 17/12** (2013.01)

Citation (search report)

See references of WO 9943593A1

Citation (third parties)

Third party :

- EP 0588364 A1 19940323 - KONE ELEVATOR GMBH [CH]
- GB 2162283 A 19860129 - BLACKS EQUIP LTD [GB]
- GB 2134209 A 19840808 - BLACKS EQUIP LTD

Cited by

WO2008117112A3; US9434578B2; WO2008117112A2; EP2592036A1; US10850945B2

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WO 9943593 A1 19990902; BR 9908230 A 20001031; CN 1313827 A 20010919; CN 1329273 C 20070801; DE 29924745 U1 20050609; DE 69931764 D1 20060720; DE 69931764 T2 20070606; EP 1066213 A1 20010110; EP 1066213 B1 20060607; ES 2262331 T3 20061116; HK 1039105 A1 20020412; HK 1039105 B 20080314; JP 2002504471 A 20020212; PT 1066213 E 20060929

DOCDB simple family (application)

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