

Title (en)  
BELT-CLIMBING ELEVATOR HAVING DRIVE IN COUNTERWEIGHT

Title (de)  
RIEMENKLETTERNDER AUFZUG MIT ANTRIEB IM GEGENGEWICHT

Title (fr)  
ASCENCEUR A MONTEE SUR COURROIE DOTE D'UN CONTREPOIDS A ENTRAINEMENT INTEGRE

Publication  
**EP 1056676 A1 20001206 (EN)**

Application  
**EP 99908277 A 19990219**

Priority  

- US 9903641 W 19990219
- US 3110898 A 19980226
- US 16358498 A 19980930
- US 21899098 A 19981222

Abstract (en)  
[origin: WO9943592A1] 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 1-7  
**B66B 9/02**; **B66B 17/12**

IPC 8 full level  
**B66B 7/06** (2006.01); **B66B 9/02** (2006.01); **B66B 11/00** (2006.01); **B66B 17/12** (2006.01)

CPC (source: EP)  
**B66B 9/02** (2013.01); **B66B 9/027** (2013.01); **B66B 11/0055** (2013.01); **B66B 17/12** (2013.01)

Citation (search report)  
See references of WO 9943592A1

Designated contracting state (EPC)  
DE ES FR IT PT

DOCDB simple family (publication)  
**WO 9943592 A1 19990902**; BR 9908227 A 20001031; CN 1299333 A 20010613; DE 69939773 D1 20081204; DE 69941801 D1 20100121; EP 1056676 A1 20001206; EP 1056676 B1 20081022; ES 2315007 T3 20090316; ES 2336495 T3 20100413; JP 2002504470 A 20020212; JP 4380914 B2 20091209; PT 1056676 E 20081218

DOCDB simple family (application)  
**US 9903641 W 19990219**; BR 9908227 A 19990219; CN 99805444 A 19990219; DE 69939773 T 19990219; DE 69941801 T 19990219; EP 99908277 A 19990219; ES 07008069 T 19990219; ES 99908277 T 19990219; JP 2000533358 A 19990219; PT 99908277 T 19990219