

Title (en)

Drive unit for an elevator with a car fixed to cables

Title (de)

Antrieb für einen Aufzug mit einem an Seilen gehaltenen Fahrkorb

Title (fr)

Machinerie pour ascenseur avec cabine suspendue par un cable

Publication

EP 0949181 A3 20011004 (DE)

Application

EP 99105433 A 19990317

Priority

DE 29806526 U 19980409

Abstract (en)

[origin: EP0949181A2] The drive motor(6) of the lift acts through a transmission belt on a drive pulley(9) located axially parallel. The drive pulley is connected by a friction pulley(7) located co-axially with it to a flat drive wheel(5). The drive pulley and friction pulley are combined with a brake disc(10). The drive wheel is mounted on a support frame(11) by a fixed pivot, and the drive motor is supported on a swinging arm(13) hinged to the frame and loaded by a tension spring.

IPC 1-7

B66B 11/04

IPC 8 full level

B66B 11/00 (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP)

B66B 11/0045 (2013.01); **B66B 11/0476** (2013.01)

Citation (search report)

- [XY] GB 574040 A 19451218 - EXPRESS LIFT CO LTD, et al
- [YA] FR 844460 A 19390726 - VERNES GUINET ETS
- [YA] EP 0779233 A2 19970618 - KONE OY [FI]
- [YA] EP 0631968 A2 19950104 - KONE OY [FI]
- [YA] US 5265701 A 19931130 - OGASAWARA TSUYOSHI [JP], et al

Cited by

EP1547961A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0949181 A2 19991013; **EP 0949181 A3 20011004**; **EP 0949181 B1 20040804**; AT E272566 T1 20040815; DE 29806526 U1 19980723; DE 59910092 D1 20040909

DOCDB simple family (application)

EP 99105433 A 19990317; AT 99105433 T 19990317; DE 29806526 U 19980409; DE 59910092 T 19990317