

Title (en)

Lift with a backpack mounted car on a frame

Title (de)

Aufzug mit einem an einem Gestell rucksackgeführten Fahrkorb

Title (fr)

Ascenseur avec cabine montée en sac-à-dos sur un châssis

Publication

EP 0706969 A3 19970108 (DE)

Application

EP 95115252 A 19950927

Priority

DE 4436088 A 19941010

Abstract (en)

[origin: US5788017A] The subject matter of the patent relates to an elevator with an elevator cage 10 guided in rucksack-type manner on a mount frame and a counterweight 15 connected to said elevator cage through a cable control. Therein two equiaxed rolls 20, 21 are disposed on said counterweight and two rolls 16, 18 parallel to the axes are disposed one beside the other on the upper crossbeam and equal numbers of ropes are guided about one roll each on the counterweight and on the crossbeam, wherein the rope ends acting on the guide section of said elevator cage are defined at the lateral ends of said guide section in symmetry with the central axis of said elevator cage. The individual ropes 25a, 25b, 26a, 26b, over their entire lengths run in parallel with one another in one plane within the mount frame 4 guiding said elevator cage 10 and said counterweight 15.

IPC 1-7

B66B 11/08

IPC 8 full level

B66B 9/04 (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP US)

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Citation (search report)

[A] GB 2198115 A 19880608 - HITACHI LTD

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DOCDB simple family (publication)

US 5788017 A 19980804; AT E193997 T1 20000715; CN 1053426 C 20000614; CN 1130149 A 19960904; DE 4436088 A1 19960411; DE 4436088 B4 20050616; DE 59508486 D1 20000727; EP 0706969 A2 19960417; EP 0706969 A3 19970108; EP 0706969 B1 20000621; ES 2148391 T3 20001016; GR 3034307 T3 20001229; PT 706969 E 20001229

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US 53998095 A 19951006; AT 95115252 T 19950927; CN 95119918 A 19951010; DE 4436088 A 19941010; DE 59508486 T 19950927; EP 95115252 A 19950927; ES 95115252 T 19950927; GR 20000401994 T 20000831; PT 95115252 T 19950927