

Title (en)

A METHOD FOR MODERNISING AN ELEVATOR

Title (de)

VERFAHREN ZUR MODERNISIERUNG EINES AUFZUGS

Title (fr)

PROCEDE POUR MODERNISER UN APPAREIL DE LEVAGE

Publication

EP 1641698 A1 20060405 (EN)

Application

EP 04730884 A 20040503

Priority

- FI 2004000266 W 20040503
- FI 20030973 A 20030630

Abstract (en)

[origin: WO2005000728A1] The invention relates to a method for modernizing the hoisting function of an elevator, in the case of an elevator with machine room provided with hoisting ropes (4), wherein the suspension (1) of the elevator is changed in conjunction with modernization into N:1 suspension, where N has at least an integer value in the range of 2...16. The rope suspension (1) is provided with at least two diverting pulleys (7, 12), around which each hoisting rope (4) runs in such manner that, in the running direction of the hoisting rope (4), the first diverting pulley (7) lies between diverting pulleys (6) and (8) connected to the counterweight (3), and that, in the running direction of the hoisting rope (4), the second diverting pulley (12) lies between diverting pulleys (11) and (13) connected to the elevator car (2).

IPC 1-7

B66B 11/00; **B66B 11/08**

IPC 8 full level

B66B 11/00 (2006.01); **B66B 19/00** (2006.01)

CPC (source: EP)

B66B 11/004 (2013.01); **B66B 11/008** (2013.01); **B66B 19/007** (2013.01)

Citation (search report)

See references of WO 2005000728A1

Cited by

EP2589562A1; EP3476789A1; CN109720964A; US9371212B2; US11203511B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005000728 A1 20050106; AT E478822 T1 20100915; DE 602004028826 D1 20101007; EP 1641698 A1 20060405; EP 1641698 B1 20100825; ES 2347654 T3 20101103; FI 20030973 A0 20030630; JP 2007514623 A 20070607; JP 4843486 B2 20111221

DOCDB simple family (application)

FI 2004000266 W 20040503; AT 04730884 T 20040503; DE 602004028826 T 20040503; EP 04730884 A 20040503; ES 04730884 T 20040503; FI 20030973 A 20030630; JP 2006518243 A 20040503