

Title (en)

Elevator ("rucksack"-elevator comprising a car suspended on the car frame)

Title (de)

Aufzug (Rucksackaufzug mit am Fahrkorbrahmen aufgehängter Kabine)

Title (fr)

Ascenseur (ascenseur "rucksack" comprenant une cabine suspendue au cadre de cabine)

Publication

EP 1772413 A1 20070411 (DE)

Application

EP 06020282 A 20060927

Priority

DE 102005047499 A 20051004

Abstract (en)

The cabin (3) as well as the counterweight (4) are suspended in a two to one relation and moved by a belt (6) and pulley drive (7,8,9). The carrying frame (2) is assembled of a vertical and a horizontal part, the horizontal part positioned on the roof of the cabin (3). A return pulley (10) attached to the lower end of the vertical part which ends at a distance from the bottom of the cabin (3) saves space underneath the unit. Two shock absorbers (5) are positioned between the bottom of the shaft (1) and the bottom of the cabin (3) when lowered down.

IPC 8 full level

B66B 11/02 (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)

B66B 11/0206 (2013.01)

Citation (search report)

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- [XAY] US 2004094370 A1 20040520 - ROTBOLL ESBEN [CH], et al
- [Y] WO 9839242 A1 19980911 - INVENTIO AG [CH]
- [Y] WO 2004096691 A1 20041111 - WITTUR AG [DE]
- [Y] WO 0044664 A1 20000803 - KONE CORP [FI], et al
- [Y] DE 20320004 U1 20040226 - WITTUR AG [DE]

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Designated contracting state (EPC)

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

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1772413 A1 20070411; **EP 1772413 B1 20101215**; **EP 1772413 B9 20110309**; AT E491663 T1 20110115; CN 1944215 A 20070411; CN 1944215 B 20100929; DE 102005047499 A1 20070412; DE 502006008498 D1 20110127; ES 2357462 T3 20110426

DOCDB simple family (application)

EP 06020282 A 20060927; AT 06020282 T 20060927; CN 200610141861 A 20061008; DE 102005047499 A 20051004; DE 502006008498 T 20060927; ES 06020282 T 20060927