

Title (en)

Traction elevator with back-pack car arrangement

Title (de)

Treibscheibenaufzug mit einer Aufzugskabine in Rucksack-Bauweise

Title (fr)

Ascenseur à câbles avec cabine de type sac à dos

Publication

**EP 1216949 B1 20091111 (DE)**

Application

**EP 01129174 A 20011208**

Priority

DE 10064850 A 20001223

Abstract (en)

[origin: EP1216949A2] The lift cabin moves along guide rails (3) through a counterweight (5) driven by a drive (7) comprising a motor (8), drive pulley (9) for the support cables (6), and brake (10). The axial length of the drive is greater than its diameter and the motor and drive pulley are arranged coaxial with each other. The supporting steel wire cables have a nominal diameter of about 8 mm or less and the diameter of the drive pulley is about 32 cm. The axial length of the drive pulley can be sufficient to house at least five support cables axially side by side.

IPC 8 full level

**B66B 11/00** (2006.01)

CPC (source: EP)

**B66B 11/0045** (2013.01)

Cited by

EP1454868A1; DE102005002607A1; ITBO20080465A1; EP1698581A1; WO2024068846A1; DE102008051122A1; US10745246B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1216949 A2 20020626; EP 1216949 A3 20020821; EP 1216949 B1 20091111**; AT E448170 T1 20091115; DE 10064850 A1 20020704; DE 10064850 C2 20021121; DE 50115214 D1 20091224; ES 2211370 T1 20040716; ES 2211370 T3 20100223

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