

Title (en)

Elevator installation with parallel flat belt like carrier means

Title (de)

Aufzugsanlage mit parallel angeordneten flachriemenartigen Tragmitteln

Title (fr)

Installation d'ascenseur avec multiple courroie plate réparti parallèlement

Publication

EP 1616833 A2 20060118 (DE)

Application

EP 05106348 A 20050712

Priority

- EP 04016913 A 20040717
- EP 05106348 A 20050712

Abstract (en)

The elevator system, with a cabin (1) for passengers and/or freight, has a number of flat and parallel carrier belts as a link between the cabin and a counterweight (2) and operated by a drive motor (4). The belts are aligned on parallel vertical planes (6.1) at an angle to the horizontal main axis (13) of the cabin and/or the main counterweight axis. Carrier roller systems are mounted to the cabin and the counterweight, at least one having several neighboring carrier roller units (8.1,8.2) each with a carrier roller, with the horizontal carrier roller axes each swinging around a vertical axis (16).

IPC 8 full level

B66B 11/00 (2006.01)

CPC (source: EP)

B66B 11/008 (2013.01)

Cited by

EP2678258A4; EP3553013A3; IT201800004466A1; US9371212B2; WO2012115632A1

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

DOCDB simple family (publication)

EP 1616833 A2 20060118; EP 1616833 A3 20061206; EP 1616833 B1 20100224

DOCDB simple family (application)

EP 05106348 A 20050712