

Title (en)

Machineromless elevator with belt and/or chain traction

Title (de)

Aufzugsanlage ohne Maschinenraum, mit Riemen- und/oder Kettenantrieb

Title (fr)

Ascenseur sans salle de machines, avec alimentation à chaînes et/ou à bandes

Publication

**EP 1428784 A2 20040616 (EN)**

Application

**EP 03078602 A 20031112**

Priority

- IT MI20022456 A 20021119
- IT MI20031124 A 20030604

Abstract (en)

A machine-room-less elevator is described, in which the motor, normal or at variable speed, is placed between the elevator car guide rails, which is provided by a single reduction transmission or in cascade with belts and/or chains to the traction sheave, and which can also has a generator function, to recover energy when the unbalance between elevator car and counterweight is such that torque is not required from the motor, but the motor must exert a braking couple. Reducing cascade speed, a faster motor can be used, of lesser torque and therefore smaller dimensions with equal load. <IMAGE>

IPC 1-7

**B66B 11/00**

IPC 8 full level

**B66B 11/00** (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP)

**B66B 11/002** (2013.01); **B66B 11/0469** (2013.01); **B66B 11/0476** (2013.01)

Cited by

EP1760028A1; CN102232050A; EP1935829A1; EP1935830A1; US9272880B2; WO2010065039A3

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 PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1428784 A2 20040616**

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