

Title (en)

ELEVATOR CAR WITH A DRIVING PULLEY DRIVING MACHINE INTEGRATED THEREIN

Title (de)

AUFZUGSKABINE MIT EINER IN DIESE INTEGRIERTEN TREIBSCHEIBEN-ANTRIEBSMASCHINE

Title (fr)

CABINE D'ASCENSEUR DISPOSANT D'UNE MACHINE D'ENTRAINEMENT DE POULIE MOTRICE INTEGREE

Publication

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Application

**EP 01956409 A 20010726**

Priority

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Abstract (en)

[origin: WO0210048A2] The invention relates to an elevator car (1) comprising especially, a support frame (8) of a cable-driven elevator system without a machine room, with a compact driving pulley driving machine (7), combined with a brake, integrated in this car (1) and/or its support frame (8). The aim of the invention is to provide an elevator car of this type which can be preassembled outside of an elevator shaft as a unit ready to be installed, with as many functional parts as possible. To this end, the inventive elevator car (1) is characterised by the following features: the driving machine (7) is equipped with a permanent magnet-excited synchronous motor as the driving source; the operating electronics of the driving machine and the control electronics required for the operation of the entire elevator system form a common, interactive functional unit in the form of an electronic central unit (10); and the electronic central unit (10) is permanently connected to the elevator car and/or its support frame.

IPC 1-7

**B66B 1/00**; **B66B 9/02**; **B66B 5/02**; **B66B 11/00**

IPC 8 full level

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