

Title (en)

Elevator system having an improved hoisting machine

Title (de)

Aufzugssystem mit verbessertem Hebezeug

Title (fr)

Système d'ascenseur avec machinerie de levage améliorée

Publication

EP 1702879 A1 20060920 (EN)

Application

EP 06011836 A 20000707

Priority

- EP 00114098 A 20000707
- JP 24053899 A 19990826

Abstract (en)

An elevator system comprises: a car (2) which moves vertically along a predetermined path within a hoistway; a counterweight (3) provided in a clearance defined between the interior wall of the hoistway and said car; turning pulleys (10,11) whose rotation axes are oriented horizontally and which are provided on the upper end of the hoistway, one of said turning pulleys being provided so as to associate with said car, and the other being provided so as to associate with the counterweight; a hoisting machine (26) mounted on the upper end of the hoistway so as to correspond to the vicinity of a side surface of said car opposite the door, said hoisting machine (26) having a driving sheave (27) provided thereon and whose rotor axis is oriented vertically; and a main cable (12) whose one end is connected to a predetermined location on the hoistway by way of said car pulley and whose other end is connected to another location on the hoistway by way of the counterweight pulley and which extends vertically to a pair of turning pulleys and which extends horizontally to said driving sheave (27).

IPC 8 full level

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CPC (source: EP)

B66B 11/008 (2013.01); **B66B 11/0438** (2013.01)

Citation (search report)

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CN103345856A

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

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