

Title (en)
Cable guide and drive machinery position for elevator

Title (de)
Seilführung und Antriebsstelle für Aufzug

Title (fr)
Câblage et emplacement machinerie pour ascenseur

Publication
EP 1018480 A3 20010228 (EN)

Application
EP 00100130 A 20000107

Priority
• JP 264799 A 19990108
• JP 23167399 A 19990818

Abstract (en)
[origin: EP1018480A2] There is described an elevator system which can be installed in a shaft accommodated within the height of the top floor of a building and in which a hoisting machine can be disposed within the shaft. A couple of turning pulleys for changing a main cable extending between a car and a counterweight from a vertical direction to a horizontal direction are provided in a space between the edge of the car and the interior wall surface of a shaft. A hoisting machine on which a drive sheave is provided in a rotatable manner such that the rotor axis of the drive sheave is oriented vertically is provided at the upper end of the shaft, such that the lower end of the hoisting machine is located at a position higher than the lower edges of the turning pulleys. As a result, the hoisting machine can be disposed in the shaft accommodated within the height of the top floor of a building, and the main cable can extend between the car and the hoisting machine. The elevator system can be installed within the shaft accommodated within the height of the top floor, thereby diminishing construction cost required for ensuring a space for installing the elevator system. <IMAGE>

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B66B 11/00

IPC 8 full level
B66B 5/00 (2006.01); **B66B 7/00** (2006.01); **B66B 7/06** (2006.01); **B66B 11/00** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)
B66B 5/00 (2013.01 - KR); **B66B 11/0045** (2013.01 - EP)

Citation (search report)
• [A] EP 0202525 A1 19861126 - GEBAUER & CIE [CH]
• [DA] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10 31 August 1998 (1998-08-31)

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