

Title (en)
Elevator system

Title (de)
Aufzugssystem

Title (fr)
Système d'ascenseur

Publication
EP 1028082 A3 20011128 (EN)

Application
EP 00102175 A 20000209

Priority
JP 3308399 A 19990210

Abstract (en)
[origin: EP1028082A2] There is described an elevator system in which a hoist is provided on a car and which can be provided within a shaft corresponding to the height of the top floor of a building. A hoist is placed in the plane orthogonal to a path along which a car is to move vertically. The rotor axis of a sheave is oriented in the vertical direction, and the height of the hoist is arranged so as to become smaller than the diameter of the sheave. The hoist is energized, to thereby move the car vertically by way of a main cable wound around the sheave. The top clearance insured between the lower surface of the top of the shaft and the upper surface of the car when the car is stopped at the top floor can be diminished. The lower surface of the top of the shaft can be made lower than the height of the top floor of a building, thus diminishing construction cost required to ensure a space for installing the elevator system. <IMAGE>

IPC 1-7
B66B 11/08; **B66B 11/00**

IPC 8 full level
B66B 5/00 (2006.01); **B66B 7/00** (2006.01); **B66B 7/08** (2006.01); **B66B 9/02** (2006.01); **B66B 11/00** (2006.01); **B66B 11/02** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)
B66B 5/00 (2013.01 - KR); **B66B 11/005** (2013.01 - EP); **B66B 11/008** (2013.01 - EP)

Citation (search report)
• [Y] FR 2640604 A1 19900622 - OTIS ELEVATOR CO [US]
• [YA] EP 0841283 A1 19980513 - INVENTIO AG [CH]

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