

Title (en)
Elevator system

Title (de)
Aufzugsanlage

Title (fr)
Système d'ascenseur

Publication
EP 1031528 A1 20000830 (EN)

Application
EP 00103418 A 20000225

Priority
JP 5086499 A 19990226

Abstract (en)
The elevator system includes a car which travels vertically along a predetermined path within a shaft. A counterweight is moved vertically along another predetermined path within the shaft. A hoisting machine is constituted to assume a shallow depth dimension and is provided on the exterior side surface of the car. The hoisting machine includes a sheave having a rotor axis oriented horizontally. A top pulley is rotatively mounted on the upper end of the shaft and whose rotor axis is oriented horizontally. A main cable is connected to the upper end of the shaft at both ends, and is wound around a pulley mounted on the counterweight, the top pulley, and the sheave in the hoisting machine, in this sequence. An access port is provided on the side surface of the car, and is opened to correspond to a portion of the hoisting machine to be subjected to maintenance. Thus, an elevator system is provided which includes a car having a hoisting machine provided thereon and enables a service engineer to readily perform maintenance on the hoisting machine. <IMAGE>

IPC 1-7
B66B 11/02

IPC 8 full level
B66B 5/00 (2006.01); **B66B 7/00** (2006.01); **B66B 11/00** (2006.01); **B66B 11/02** (2006.01); **B66B 17/12** (2006.01)

CPC (source: EP KR)
B66B 5/00 (2013.01 - KR); **B66B 11/0035** (2013.01 - EP); **B66B 11/0246** (2013.01 - EP); **B66B 17/12** (2013.01 - EP)

Citation (search report)
• [A] EP 0849209 A1 19980624 - OTIS ELEVATOR CO [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)

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Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 1031528 A1 20000830; EP 1031528 B1 20030625; CN 1104370 C 20030402; CN 1264678 A 20000830; DE 60003475 D1 20030731; DE 60003475 T2 20040429; JP 2000247560 A 20000912; KR 100330285 B1 20020327; KR 20000058152 A 20000925

DOCDB simple family (application)
EP 00103418 A 20000225; CN 00102653 A 20000223; DE 60003475 T 20000225; JP 5086499 A 19990226; KR 20000008731 A 20000223