Title (en)

Elevator system

Title (de)

Aufzugsanlage

Title (fr)

Système d'ascenceur

Publication

EP 1031528 B1 20030625 (EN)

Application

EP 00103418 A 20000225

Priority

JP 5086499 A 19990226

Abstract (en)

[origin: EP1031528A1] 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)

Cited by

EP1396456A4; FR2819796A1; ITFI20110112A1; FR2845366A1; CN108883904A; US7108105B2; EP1215156A1; EP1433734A4; US7503433B2; US10544009B2; US10633222B2; US10968076B2; US6892862B2; US2010038183A1; EP1566358A1; DE10104351A1; US8316998B2; EA014793B1; US8967336B2; WO2016162714A1; WO2008074167A1; WO02057172A1; WO2017157468A1; WO0179104A1; WO0210048A3; US11760603B2

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