

Title (en)  
Lift cage guidance system

Title (de)  
Führungssystem für Aufzugskabine

Title (fr)  
Système de guidage de cabine d' ascenseur

Publication  
**EP 1016616 A1 20000705 (EN)**

Application  
**EP 99204436 A 19991221**

Priority  
NL 1010908 A 19981228

Abstract (en)  
Lift system, comprising a lift cage (18), guide cables (15) which are arranged vertically next to the lift cage, holding members (19) which are arranged on the lift cage, hoisting means which are connected between the lift cage and a stationary point above the lift cage, and tensioning means (16) which are connected to the guide cables and a stationary point and are suitable for tensioning the guide cables, while the lift cage is in use, in such a manner that the floor (20) of the lift cage is held substantially horizontally. The lift cage is guided vertically by each combination of a holding member and a guide cable, the holding members being free from the hoisting means. <IMAGE>

IPC 1-7  
**B66B 9/187**; B66B 7/02; E04G 3/00; B66D 1/74

IPC 8 full level  
**B66B 7/02** (2006.01); **B66B 9/187** (2006.01); **B66C 23/18** (2006.01)

CPC (source: EP)  
**B66B 7/02** (2013.01); **B66B 9/187** (2013.01); **B66C 23/18** (2013.01)

Citation (search report)

- [PX] DE 19726408 C1 19990318 - GERHARD REINEKE SCHLOSSEREI UN [DE]
- [X] US 2645531 A 19530714 - RECTOR NELSON H
- [A] US 5343979 A 19940906 - GOTO HIDEO [JP]
- [A] EP 0117862 A2 19840905 - HUSSON ROGER
- [A] FR 326895 A 19030609 - HISS NELSON [FR]
- [A] EP 0876987 A1 19981111 - KIM KYUNG JOO [KR]
- [A] FR 1406277 A 19650716
- [A] US 2508187 A 19500516 - JOSEPH NIEMIEC

Cited by  
CN102701048A; CN109292643A; CN106629332A; EP2724973A1; CN104045006A; US9809422B2; JP2012153455A

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