

Title (en)
Elevator system with the drive machinery unit arranged inside the hoistway

Title (de)
Aufzugsanlage mit im Aufzugsschacht angeordneter Antriebseinheit

Title (fr)
Installation d'ascenseur avec unité de levage positionnée dans la cage

Publication
EP 1118575 B1 20040818 (DE)

Application
EP 01110403 A 19971029

Priority
• EP 01110403 A 19971029
• EP 97118762 A 19971029
• EP 96810762 A 19961111

Abstract (en)
[origin: EP0841283A1] The lift comprises a drive mechanism (4) mounted at the top end of the lift shaft (1), having a pulley (4.1) driving the cage (2) and counterweight (3) by ropes. The cage and weight work in guides (6) in the shaft. The mechanism can be contained in a frame on the end of a swing arm whose other end works in a supporting yoke at the top end of the shaft or guide. A drive mechanism can be provided for the arm, with electric motor or hand crank, while a locking mechanism can fix the arm in the yoke in the working position, the drive mechanism being then horizontal with the pulley at its underside.

IPC 1-7
B66B 11/08

IPC 8 full level
B66B 11/00 (2006.01); **B66B 11/04** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP)
B66B 11/0045 (2013.01); **B66B 11/008** (2013.01); **B66B 11/0438** (2013.01); **B66B 11/08** (2013.01)

Citation (examination)
JP H01276286 A 19891106 - SEIKO EPSON CORP

Cited by
EP1607360A1; EP1298084A3; KR100477952B1; US7273133B2; US6851520B2

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EP 0841283 A1 19980513; **EP 0841283 B1 20030416**; EP 1118575 A2 20010725; EP 1118575 A3 20010808; EP 1118575 B1 20040818; EP 1471027 A1 20041027

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EP 97118762 A 19971029; EP 01110403 A 19971029; EP 04016905 A 19971029