

Title (en)
Machine-room-less elevator

Title (de)
Maschinenraumloser Aufzug

Title (fr)
Ascenseur sans local de machine

Publication
EP 1422184 A3 20040707 (EN)

Application
EP 03078603 A 20031112

Priority
• IT MI20022458 A 20021119
• IT MI20031124 A 20030604

Abstract (en)
[origin: EP1422184A2] A machine-room-less elevator is described, in which the motor is a winch positioned upward in the elevator shaft, with the electric motor turned downward. In this way, a reduction of the elevator shaft's overhead space extension is obtained, although respecting all safety measures related to elevator's use and maintenance. <IMAGE>

IPC 1-7
B66B 7/06; **B66B 5/02**; **B66B 19/04**

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

CPC (source: EP)
B66B 11/0045 (2013.01); **B66B 11/0469** (2013.01); **B66B 11/0476** (2013.01)

Citation (search report)
• [XY] EP 0972739 A1 20000119 - INVENTIO AG [CH]
• [XY] EP 0905081 A2 19990331 - TOSHIBA KK [JP]
• [X] EP 1018480 A2 20000712 - MITSUBISHI ELECTRIC CORP [JP]
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• [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09 13 October 2000 (2000-10-13)

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