

Title (en)
Double-Decker or Multi-Decker Elevator

Title (de)
Doppeldecker- oder Multidecker-Aufzug

Title (fr)
Ascenseur à double ponts ou multi-ponts

Publication
EP 0933323 B1 20031029 (DE)

Application
EP 99101343 A 19990125

Priority
• EP 99101343 A 19990125
• EP 98810078 A 19980202

Abstract (en)
[origin: EP0933323A1] Vertical distance between two adjacent lift cabins (5, 6) is adjustable in order to adapt the lift cabin position to the floor level in the neighbouring storey (E1-E16) of the building, even where the heights of the individual storeys within the building can vary. Two or more lift cabins are mounted in a single lift cage frame (4) moved up and down a lift shaft (1) using a winch (2) and lift cable (3). An Independent claim is also included for the distance control system.

IPC 1-7
B66B 1/14; **B66B 1/42**

IPC 8 full level
B66B 1/14 (2006.01); **B66B 1/24** (2006.01); **B66B 1/42** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP US)
B66B 1/42 (2013.01 - EP US); **B66B 1/425** (2013.01 - EP US); **B66B 11/0095** (2013.01 - EP US); **B66B 11/022** (2013.01 - EP US);
Y10S 187/902 (2013.01 - EP US)

Cited by
EP1498379A4; EP1074503A3; EP1097896A3; EP1342690A1; US2022332545A1; US11970363B2; US7261185B2; WO0100519A1

Designated contracting state (EPC)
AT CH DE FR GB LI

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EP 0933323 A1 19990804; **EP 0933323 B1 20031029**; AT E253009 T1 20031115; CA 2260593 A1 19990802; CA 2260593 C 20080617;
CN 1093498 C 20021030; CN 1234361 A 19991110; DE 59907487 D1 20031204; HK 1023328 A1 20000908; ID 21855 A 19990805;
JP 4656681 B2 20110323; JP H11314858 A 19991116; MY 120788 A 20051130; NZ 333698 A 20000623; SG 126669 A1 20061129;
US 6161652 A 20001219

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HK 00100590 A 20000131; ID 990067 D 19990201; JP 516999 A 19990112; MY PI9900046 A 19990106; NZ 33369899 A 19990111;
SG 1999000015 A 19990105; US 24123199 A 19990201