

Title (en)
Elevator apparatus

Title (de)
Aufzug

Title (fr)
Ascenseur

Publication
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Application
EP 08160612 A 20000920

Priority
• EP 00961122 A 20000920
• JP 0006423 W 20000920

Abstract (en)
An elevator apparatus comprises a cage (2) which is reciprocally movable up and down within an elevator shaft (1); a counterweight (3) which is reciprocally movable up and down within said elevator shaft (1); a main rope (12) suspending said cage (2) and said counterweight (3); and a hoisting machine (4) having a drive sheave (5) around which said main rope (12) is wound, wherein said cage (2) and said counterweight (3) are reciprocally moved up and down by said main rope (12) upon rotation of said drive sheave. The elevator apparatus further comprises a mounting platform (15) disposed between the ceiling of said cage (2) and that of said elevator shaft (1) when said cage (2) has reached said topmost level; a first turning pulley (10) mounted on said mounting platform (15) and around which a portion of said main rope (12) extends from said cage (2) to said drive sheave (5) is wound; and a second turning pulley (11) on said mounting platform (15) and around which other portion of said main rope (12) extending from said drive sheave (5) to said counterweight (3) is wound.

IPC 8 full level
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CPC (source: EP)
B66B 11/0045 (2013.01); **B66B 11/008** (2013.01)

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• JP H10139321 A 19980526 - INVENTIO AG
• US 6006865 A 19991228 - AMMON URS [CH]

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EP 1327597 A1 20030716; EP 1327597 A4 20060614; EP 1327597 B1 20090429; CN 1187253 C 20050202; CN 1390182 A 20030108; DE 60042128 D1 20090610; DE 60044159 D1 20100520; DE 60045199 D1 20101216; EP 1972591 A2 20080924; EP 1972591 A3 20081015; EP 1972591 B1 20101103; EP 1972591 B8 20110112; EP 1972592 A2 20080924; EP 1972592 A3 20081008; EP 1972592 B1 20100407; JP 4882195 B2 20120222; JP WO2002024566 A1 20040129; WO 0224566 A1 20020328

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