

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUG

Title (fr)
ASCENSEUR

Publication
EP 1284232 A1 20030219 (EN)

Application
EP 00919162 A 20000424

Priority
JP 0002668 W 20000424

Abstract (en)
In an elevator apparatus, mounting brackets are fixed to top portions of a pair of guide rails, respectively, and a machine base is fixed between the mounting brackets. A hoisting machine for raising and lowering a car and a counterweight is supported by the guide rails by being suspended from the machine base. A bracketing for preventing the hoisting machine from swaying by engaging the guide rail is attached to the hoisting machine.
<IMAGE>

IPC 1-7
B66B 7/00; **B66B 11/04**

IPC 8 full level
B66B 7/02 (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP)
B66B 7/02 (2013.01); **B66B 7/027** (2013.01); **B66B 11/0045** (2013.01)

Cited by
CN102838010A; FR2893460A1; EP2067734A4; WO2008041266A1; WO2005092771A3

Designated contracting state (EPC)
DE FR GB NL

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EP 1284232 A1 20030219; **EP 1284232 A4 20060426**; **EP 1284232 B1 20091223**; DE 60043591 D1 20100204; JP 4578753 B2 20101110;
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