

Title (en)
SMALL POWER ELEVATOR

Title (de)
ENERGIESPARENDER AUFZUG

Title (fr)
ASCENSEUR A FAIBLE PUISSANCE

Publication
EP 1931588 A1 20080618 (EN)

Application
EP 06798653 A 20060905

Priority

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- KR 20050083926 A 20050907
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Abstract (en)
[origin: WO2007029950A1] A small power elevator system is installed in an elevator shaft of a building. The system includes a passenger or freight elevator car having an electronic scale installed in a bottom thereof to measure the weight of passengers or freight loaded therein; a counterweight connected to the elevator car and adapted to be moved in a direction opposite that of the elevator car by mass members added or removed according to the weight of the elevator car; a mass member feeder for feeding the mass members to the counterweight; and a control unit for controlling the mass members to be fed from the mass member feeder to the counterweight or discharged from the counterweight to the mass member feeder according to the weight of the elevator car. The system can reduce power consumption to thereby reduce electric charges such as basic rates and usage rates.

IPC 8 full level
B66B 9/04 (2006.01)

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