

Title (en)
DRIVE CONTROL FOR AN ELEVATOR

Publication
EP 0026406 B1 19840822 (DE)

Application
EP 80105623 A 19800919

Priority
CH 868779 A 19790927

Abstract (en)
[origin: ES8106863A1] A drive control for transportation systems, especially elevators or the like, improves the stopping accuracy of the elevator cabin at a storey or floor of the building. A reference value transmitter operated by a digital computer produces step-like successive travel curves and displacement path-reference values operatively associated with such travel curves and feedable to a regulation circuit. Connected with the reference value transmitter is a stop initiation device, which during initiating the stop or halting of the elevator, forms from a possible target path produced by the reference value transmitter and a target path corresponding to a target storey a target error. This target error is infed to a stop correction device connected with the reference value transmitter and the stop initiation device, which while utilizing the target error modifies by interpolation the travel curve which is to be produced by the reference value transmitter in a manner such that there is available for regulation an optimum travel curve to the target storey. An arrival correction device which further improves the halt or stop accuracy of the elevator, forms from the elevator cabin site determined at a cabin displacement path counter and the storey site of the target storey a difference which, for the purpose of further correction of the displacement path-reference value, is infed to the stop correction device. This drive control, apart from being used with elevator systems, for instance also can be employed for track-bound horizontal systems.

IPC 1-7
B66B 1/16

IPC 8 full level
B66B 1/16 (2006.01); **B66B 1/24** (2006.01); **B66B 1/28** (2006.01); **B66B 1/30** (2006.01); **B66B 1/40** (2006.01)

CPC (source: EP US)
B66B 1/285 (2013.01 - EP US); **B66B 1/40** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
AT BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0026406 A1 19810408; EP 0026406 B1 19840822; AT E9083 T1 19840915; AU 532981 B2 19831020; AU 6272580 A 19810409; BR 8005940 A 19810331; CH 649517 A5 19850531; DE 3069026 D1 19840927; ES 495424 A0 19810801; ES 8106863 A1 19810801; FI 72100 B 19861231; FI 72100 C 19870413; FI 803058 A 19810328; HK 45585 A 19850621; HU 180171 B 19830228; JP S5656478 A 19810518; JP S6319428 B2 19880422; MX 151598 A 19850104; US 4337847 A 19820706; ZA 805877 B 19810930

DOCDB simple family (application)
EP 80105623 A 19800919; AT 80105623 T 19800919; AU 6272580 A 19800926; BR 8005940 A 19800917; CH 868779 A 19790927; DE 3069026 T 19800919; ES 495424 A 19800926; FI 803058 A 19800926; HK 45585 A 19850613; HU 234280 A 19800925; JP 13414680 A 19800926; MX 18409880 A 19800926; US 18412180 A 19800904; ZA 805877 A 19800923