

Title (en)

Automatic control of electric travelling gear of a hoist

Title (de)

Regelung für den elektrischen Fahrtrieb von Hebezeugen

Title (fr)

Réglage d'entraînement électrique d'engins de levage

Publication

**EP 0665184 B1 19990324 (DE)**

Application

**EP 94120131 A 19941219**

Priority

DE 4402563 A 19940128

Abstract (en)

[origin: EP0665184A1] The control system has a computer (1) to determine the theoretical variation of hoisting speed as a function of equations for the oscillation of the hanging load and other parameters. The system has a speed controller (6) with a current controller (4) for the motor and a signal for the computed theoretical driving torque is added at the output of the speed controller. A position controller (12) receives a signal for the theoretical movement of the load from the computer, and its output passes through a switching unit with a slowly rising characteristic before reaching the input of the speed controller.

IPC 1-7

**B66C 13/06**

IPC 8 full level

**B66C 13/06** (2006.01)

CPC (source: EP)

**B66C 13/063** (2013.01)

Cited by

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