

Title (en)

Method for controlling the final approach to a desired destination and direct motor control system for performing same.

Title (de)

Verfahren zur Steuerung der Annäherung an eine gewünschte position und Gleichstrommotorsteuerung hierzu.

Title (fr)

Procédé de commande de l'approche à une position désirée et système de commande d'un moteur à courant continu pour sa réalisation.

Publication

EP 0085098 A4 19850902 (EN)

Application

EP 82902767 A 19820728

Priority

US 28992281 A 19810804

Abstract (en)

[origin: WO8300571A1] An adaptive motor pulsing apparatus (36) for a driven element (32) positioning system which divides the available time between recurring motor (36) on periods and motor (36) off periods, and which also varies the duty cycle of the motor (36) during successive on periods in order to provide precise positioning control. The final approach uses a "nudging" technique which increases the duty cycle by increments until forward motion of the driven element (32) is detected.

IPC 1-7

G05B 11/18; **G05B 11/28**

IPC 8 full level

G05B 11/28 (2006.01); **G05B 11/18** (2006.01); **G05B 19/414** (2006.01); **G05B 19/416** (2006.01); **H02P 8/00** (2006.01)

CPC (source: EP)

G05B 19/4142 (2013.01); **G05B 19/4163** (2013.01)

Citation (search report)

- [X] US 4258301 A 19810324 - KAWA RYUICHI
- [Y] US 4353019 A 19821005 - SWEENEY JR JAMES S
- [Y] US 4312033 A 19820119 - SWEENEY JAMES S, et al
- [A] US 4203063 A 19800513 - LOEB PAUL [US], et al
- [A] US 4126818 A 19781121 - TAYLOR WILLIAM W

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL SE

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WO 8300571 A1 19830217; AU 553773 B2 19860724; AU 8900782 A 19830222; BR 8207812 A 19830719; EP 0085098 A1 19830810; EP 0085098 A4 19850902; JP S58501248 A 19830728

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