

Title (en)

METHOD OF CONTROLLING A STEPPING MOTOR

Publication

**EP 0062273 B1 19860723 (FR)**

Application

**EP 82102626 A 19820329**

Priority

CH 216581 A 19810331

Abstract (en)

[origin: US4456866A] A method for slaving a stepping motor proposes several levels of width of the control pulses U in order to adapt the torque provided by the motor to the load imposed thereon. The method includes measurement of the induced voltage  $U_i$  during a time interval  $T_{Ui}$  situated immediately before the end of the control pulse U if the duration of such pulse does not exceed a predetermined duration  $T_n$  (FIG. 8) or within a gap  $T_x$  opened in the control pulse U if such pulse does exceed said predetermined duration  $T_n$  (FIG. 11). The method may be applied to slaving stepping motors wherein the stator exhibits air gaps or saturable zones.

IPC 1-7

**G04C 3/14**

IPC 8 full level

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CPC (source: EP US)

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