

Title (en)  
DRIVING CIRCUIT FOR A STEP MOTOR

Publication  
**EP 0203338 B1 19891108 (DE)**

Application  
**EP 86105175 A 19860415**

Priority  
DE 3519008 A 19850525

Abstract (en)  
[origin: US4719368A] In a power supply control arrangement for the stepping motor of a watch an integrated circuit structure is disposed between the stepping motor and its energy source for controlling the supply of drive pulses to the motor. The circuit structure includes means for detecting the motor's non-response and means for supplying a correction pulse upon detection of non-response of the motor. There are further means for applying drive pulses of increased duration following such correction pulse for overcoming excessive loads and also means for shutting off the correction pulse or the energy source if the motor does not respond to the drive pulses of increased duration.

IPC 1-7  
**G04C 3/14**

IPC 8 full level  
**G04C 3/14** (2006.01); **H02P 8/02** (2006.01)

CPC (source: EP US)  
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