

Title (en)

OPERATION DETECTOR FOR A STEPPING MOTOR

Publication

EP 0021320 B1 19840215 (FR)

Application

EP 80103366 A 19800618

Priority

FR 7916816 A 19790621

Abstract (en)

[origin: US4346463A] A feed arrangement enabling detection of the movement of a stepping motor and providing such motor with a series of long duration pulses in the event of failure to step responsive to a short duration pulse. The detector comprises means for sampling a first signal developed by the current in the motor winding and generating a second signal which is the integral of the first, in order to detect whether or not the motor has stepped. The invention is intended for use with micromotors as found in timepieces.

IPC 1-7

G04C 3/14

IPC 8 full level

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

CPC (source: EP US)

G04C 3/143 (2013.01 - EP US)

Citation (examination)

- GB 2006995 A 19790510 - CITIZEN WATCH CO LTD
- GB 2009464 A 19790613 - SEIKO INSTR & ELECTRONICS

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EP0097350A1; US4542329A; EP0057663B1; EP0024737B1

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DOCDB simple family (publication)

EP 0021320 A1 19810107; EP 0021320 B1 19840215; CA 1164523 A 19840327; DE 3066572 D1 19840322; FR 2459579 A1 19810109; FR 2459579 B1 19821119; JP S5631677 A 19810331; JP S6128315 B2 19860630; US 4346463 A 19820824

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