Title (en)

POSTAGE METER APPARATUS HAVING MICROPROCESSOR-CONTROLLED D.C. MOTOR AND PROCESS FOR USE THEREWITH

Publication

EP 0177057 A3 19880907 (EN)

Application

EP 85112601 A 19851004

Priority

- US 65754684 A 19841004
- US 65756984 A 19841004

Abstract (en)

[origin: EP0177057A2] A postage meter includes a rotary drum (38) having a periphery adapted for feeding a sheet in a path of travel. A first device (56,58) senses a time interval during which a sheet is linearly displaced a predetermined distance in the path of travel. A d.c. motor (120) is coupled to the drum for rotation of the drum (38), and a second device (126) senses angular displacement of the drum (38). A computer (500) coupled to the first and second sensing devices (56,58,126) and to the d.c. motor (120) responds to the first sensing device (56,58) for providing respective amounts representative of desired angular displacements of the drum (38) during successive sampling time periods, responds to the second sensing device (126) for providing respective amounts representative of actual angular displacements of the drum (38) during successive sampling time periods, compensates for the difference between desired and actual angular displacements and generates a d.c. motor control signal for controlling rotation of the motor (120) to cause the linear displacement of the periphery of the drum (38) to substantially match the linear displacement of the sheet during respective sampling time periods. The computer (500) may also generate a d.c. motor control signal for controlling rotation of the motor (120) to cause the linear displacement of indicia printing means of the drum to initially engage the sheet in the path of travel a predetermined marginal distance from the leading edge of the sheet.

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IPC 8 full level

G07B 17/00 (2006.01)

CPC (source: EP)

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Citation (search report)

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