

Title (en)

MAILING MACHINE INCLUDING SHEET FEEDING AND PRINTING SPEED CALIBRATING MEANS

Publication

EP 0562721 A3 19950322 (EN)

Application

EP 93301416 A 19930225

Priority

- US 84131592 A 19920225
- US 84191192 A 19920225

Abstract (en)

[origin: EP0562721A2] A mailing machine base comprising, structure for feeding a sheet having a leading edge and a trailing edge in a path of travel, the sheet feeding structure including a roller, the sheet feeding structure including structure for driving the roller at a desired sheet feeding speed corresponding to a desired reference voltage, structure for controlling the sheet feeding structure, the controlling structure including a microprocessor connected to the roller driving structure, the controlling structure including structure for sequentially sensing the leading and trailing edges of the sheet in the path of travel and providing corresponding successive signals to the microprocessor, the sheet having a predetermined length from the leading edge to the trailing edge thereof; and the microprocessor programmed for providing a predetermined reference voltage corresponding to the desired sheet feeding speed, counting a time interval in response to receiving the successive leading and trailing edge signals, determining whether the counted time interval and the desired time interval are substantially equal, and storing the predetermined reference voltage as the desired reference voltage if the counted and desired time intervals are substantially equal. The mailing machine base may also comprise a postage meter mounted on the base, the postage meter including a rotary postage indicia printing drum, the base including structure for driving the drum at a desired constant indicia printing speed corresponding to a desired reference voltage, the base including structure for controlling the postage printing drum, the controlling structure including a microprocessor connected to the drum driving structure, the controlling structure including structure for sequentially sensing a commencement and a completion of constant printing speed of the drum and providing corresponding successive signals to the microprocessor, the microprocessor programmed for providing a predetermined reference voltage corresponding to the desired drum printing speed, counting a time interval in response to receiving the successive constant speed commencement and completion signals, determining whether the counted time interval and the desired time interval are substantially equal, and storing the predetermined reference voltage as the desired reference voltage if the counted and desired time intervals are substantially equal. <IMAGE>

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CPC (source: EP)

G07B 17/00467 (2013.01); **G07B 17/00661** (2013.01); **G07B 2017/00693** (2013.01)

Citation (search report)

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