

## Title (en)

Semi-automatic device for the introduction of paper into an electronic typewriter.

## Title (de)

Halbautomatische Papiereinzugsvorrichtung an einer elektronischen Schreibmaschine.

## Title (fr)

Dispositif d'introduction semi-automatique du papier dans une machine à écrire électronique.

## Publication

**EP 0009086 A1 19800402 (FR)**

## Application

**EP 79102457 A 19790716**

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- US 94592278 A 19780926
- US 94595378 A 19780926

## Abstract (en)

1. A device for the semi-automatic insertion of a paper into a typewriter (10) of the kind having a platen (12), a keyboard (20) for generating coded signals and a paper holder (12, 72) defining a paper feed path and cooperating with a printing device to establish a print line, an operator manipulable paper hold-down device (13) urging the paper against the platen (12) in the character printing area, which can be placed in a first position at the paper path and in a second position away from the paper path, a line feed device (50) for incrementally advancing the paper along said paper feed path in response to line feed control signals applied thereto, and a store (44, 44') for storing an operator-entered distance code signal representing the distance to be covered by the paper along said paper path to reach a desired first print line, said device being characterized in that it comprises : a detector (32) for detecting the presence of said paper hold-down device (13) in said second position and for generating a corresponding detection signal, said signal having a first level when the paper hold-down device (13) is in its second position and a second level at the time the paper hold-down device (13) is moved away from its second position while remaining away from the paper path, a logic circuit (36, 30) for controlling the store (44, 44') in such a way that, in response to either said first level of said detection signal or to the second level reached by the signal when the paper hold-down device (13) is moved away from its second position while remaining away from the paper path, the store (44, 44') issues the stored distance code signal and supplies a corresponding set of line feed control signals to the line feed device (50) to cause the latter to insert the paper until the desired first print line is reached.

## Abstract (fr)

Introduction semi-automatique du papier dans une machine à écrire électronique, au moyen de signaux engendrés lors de la manoeuvre du dispositif presse-papier et appliqués au dispositif d'interlignage. Le dispositif presse-papier (13) constitué par la tige pivotante (18) et les galets presse-papier (16) peut être amené par l'opérateur dans une position extrême, éloignée de la platine (12), afin que les galets (16) dégagent la trajectoire normale du papier. Dans cette position extrême, un signal est engendré par un détecteur (32). Ce signal provoque l'émission, par les circuits logiques de la machine, de signaux de commande qui sont appliqués au dispositif d'interlignage afin de faire tourner la platine (12). Ces signaux de commande correspondent à un code de distance d'avancement du papier préalablement entré au clavier et mémorisé dans les circuits de mémoire de la machine, ou à défaut, à un code de distance pré-établi.

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- US 3353649 A 19671121 - TEMPLETON WILLIAM B
- DE 697621 C 19401023 - TORPEDO WERKE A G FAHRRRAEDER, et al
- [A] DE 2526445 A1 19761223 - TRIUMPH WERKE NUERNBERG AG

## Cited by

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