

Title (en)

Paper feed roller assembly for a typewriter with rotating cylindrical platen.

Title (de)

Vorrichtung zur Zuführung von Papier für eine rotierende Schreibmaschinenwalze.

Title (fr)

Dispositif d'alimentation de papier pour machine à écrire à platine cylindrique tournante.

Publication

EP 0013288 A2 19800723 (FR)

Application

EP 79103346 A 19790907

Priority

US 95794278 A 19781106

Abstract (en)

[origin: ES485636A1] A paper feed roll assembly is disclosed which is pivotally mounted on a central point with three degrees of freedom of movement. The feed rolls are engageable with the periphery of the platen. Additionally, the support for the paper feed rolls is deflectable about the central point by a feed roll release member to effect the withdrawal of the feed rolls from the periphery of the platen to enhance paper insertion and removal. The pivot point support provides for freedom of movement in the three necessary degrees of freedom to allow equilization of feed roll force against the platen and for alignment of the feed rolls with the periphery of the platen to insure proper paper feed. The feed roll truck frame, by virtue of its pivotal mounting, may be deflected downward to permit release or insertion of the paper. A deflection means or eccentric bar is disclosed for deflecting the truck member away from the periphery of the platen against the force of the pivot support acting toward the platen.

Abstract (fr)

Alimentation du papier dans les machines à écrire à platine cylindrique tournante. Afin d'assurer simultanément le parallélisme entre les axes des rouleaux d'alimentation et l'axe de la platine et de répartir uniformément les forces de contact exercées par les rouleaux sur la platine, les axes (26, 28) portant les rouleaux d'alimentation (30, 32) sont montés sur un châssis (22) couplé par l'intermédiaire d'une rotule (36) à un élément de support (16). Ce dernier est couplé au châssis principal (10) de la machine de façon à exercer une force rappelant le châssis porte-rouleaux (22) vers la platine. Dispositif utilisable notamment dans les machines à écrire à platine cylindrique tournante se déplaçant ou non en translation dans la machine.

IPC 1-7

B41J 11/20; **B41J 13/076**

IPC 8 full level

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CPC (source: EP US)

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EP 0013288 A2 19800723; **EP 0013288 A3 19801015**; AU 5147179 A 19800515; AU 523701 B2 19820812; BR 7907186 A 19800708; CA 1122148 A 19820420; ES 485636 A1 19800416; IT 1165336 B 19870422; IT 7926957 A0 19791031; JP S5565581 A 19800517; JP S5739231 B2 19820820; US 4221489 A 19800909

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