Title (en)
THERMAL PRINTER WITH A DOCUMENT PINCH AND FEED ROLLER

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Application
EP 87115906 A 19871029

Priority
FR 8615353 A 19861104

Abstract (en)
[origin: US4844631A] The platen (11) is mounted between two side plates (9-10) of equipment which is hinged to two risers (5-6) to rotate about an axis gamma running parallel to the axis of the platen. The platen is provided with a freewheel mechanism including an inner ring (28) which is connected to the platen and an outer ring (29) which is provided with a peg (31) engaged in a slot (8) in a fixed member (7). The slot is situated on the opposite side of the platen axis DELTA relative to the axis of rotation gamma and in substantially the same plane. Detector means (36-37) for detecting the presence of a document in an insertion channel (17) cause the platen to rotate in the direction in which the freewheel mechanism drives the outer ring, thereby pressing the peg against the slot and rocking the equipment about the axis gamma thus allowing a document to pass between the print head and the platen until it meets an abutment (14) which is moved into place by the rocking action. When the document is detected as engaging the abutment, the platen is rotated in the opposite, document-driving direction, and return means press the platen against the print head.

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