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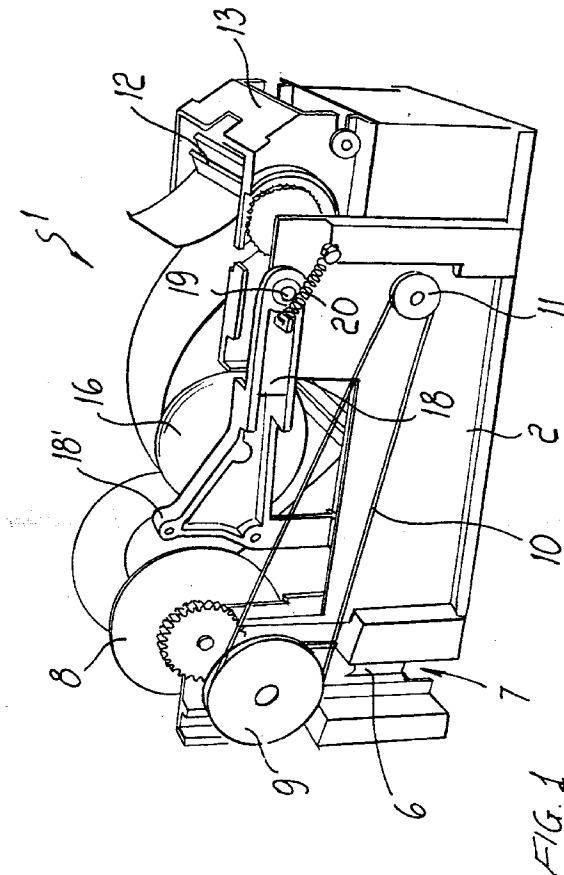
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(54) **Improved printing assembly for cash-registers.**

(57) An improved printing assembly for cash-registers designed for easy and quick assembling comprises a printing ribbon-printer assembly for winding the printing ribbon and print recording the overall daily transactions and a printing apparatus for printing and ejecting the individual tickets, the printing ribbon-printer assembly and ticket printing apparatus being mounted on a single supporting base, whereas the ticket paper roll is restrained on a small restraining shaft.





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EUROPEAN SEARCH REPORT

Application Number

EP 92 83 0118

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 392 643 (TOKYO ELECTRIC) * column 2, line 49 - column 4, line 3; figures 1,2 *	1	G 07 G 1/00 G 07 G 5/00
A	----	2,3	B 41 J 3/54 B 41 J 15/18
A	US-A-4 951 564 (WILSON) * column 3, line 43 - column 4, line 13; figures 1,2 *	1-3	B 41 J 15/04 B 41 J 11/50 G 07 B 5/04
A	EP-A-0 359 580 (NCR) * abstract; figure 6 *	1-3	
A	US-A-4 531 852 (MADGE)		
A	US-A-4 602 877 (FUSHIMOTO)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 41 J G 07 G B 65 H G 07 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-09-1992	Examiner ADAM E M P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		I : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid,
namely claims:
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,
namely:

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- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid,
namely claims:
- None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,
namely claims: 1-3



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EP 92 83 0118 -B

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1-3: Arrangement of two printing assemblies and daily paper feeding
2. Claims 4,5: Structure of the paper web supporting shaft
3. Claims 6,7: Consumed paper sensing unit
4. Claim 8: Remaining amount of paper web by light emitting elements