

12 **EUROPEAN PATENT APPLICATION**

21 Application number: 81305683.5

51 Int. Cl.<sup>3</sup>: **G 06 K 15/08**  
**B 41 J 9/10, B 41 J 9/26**

22 Date of filing: 02.12.81

30 Priority: 29.12.80 US 221134

43 Date of publication of application:  
07.07.82 Bulletin 82/27

88 Date of deferred publication of search report: 25.01.84

84 Designated Contracting States:  
DE FR GB

71 Applicant: **COMPUTER PERIPHERALS INC.**  
**8100-34th Avenue South**  
**Minneapolis Minnesota 55440(US)**

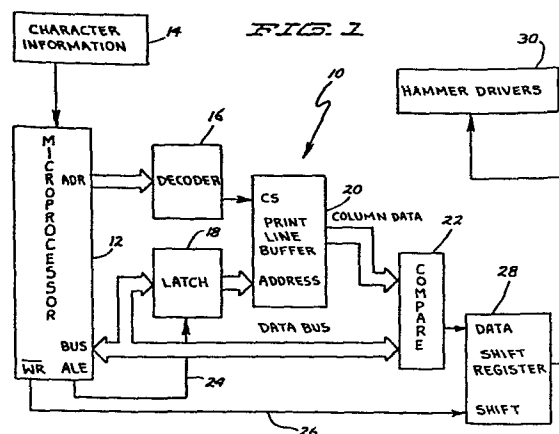
72 Inventor: **Wardzinski, Louis Thomas**  
**62161 Schoenherr Road**  
**Washington Michigan 48094(US)**

72 Inventor: **LaPonsey, Stephen Michael**  
**845 Ludlow E203**  
**Rochester Michigan 48063(US)**

74 Representative: **Caro, William Egerton et al,**  
**J. MILLER & CO. Lincoln Houssse 296-302 High Holborn**  
**London WC1V 7JH(GB)**

54 **A hammer control device for a band printer.**

57 A hammer control system for a band printer has a microprocessor (12) receiving character information (14) and having an address (ADR) and a data bus (BUS) output together with a timing output (24). The microprocessor (12) controls an optioning scheme used in the printer. A decoder (16) is connected with the address output (ADR) of the microprocessor (12) and a print line buffer (20) provides a stored print data output for subsequent comparison and printing connected with said decoder (16). A compare circuit (22) receives the output of the print line buffer (20) and receives data from the microprocessor (12). A shift register (28) receives a compare signal from the compare circuit (22) and a shift control signal from the microprocessor (12). A hammer driver device (30) causes printing to occur in response to the output of the shift register (28).





European Patent  
Office

## EUROPEAN SEARCH REPORT

0055526

Application number

EP 81 30 5683

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. <sup>3</sup> )
A	US-A-4 096 578 (C.D. MALKEMES) * Abstract *	1	G 06 K 15/08 B 41 J 9/10 B 41 J 9/26
A	--- US-A-4 218 754 (T.N. SCHAEFFER) * Abstract *	1	
A	--- US-A-4 055 117 (B.S. MUNDAY) * Complete document *		
A	--- US-A-3 303 776 (F. RAUSCH) * Complete document *		
P, A	--- US-A-4 273 041 (R.D. BOLCAVAGE et al.) * Abstract *	1	
	-----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
Place of search BERLIN			Date of completion of the search 07-09-1983
ZOPF K			Examiner
<b>CATEGORY OF CITED DOCUMENTS</b>			
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		T : 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	