

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

(11) Publication number:

**0 185 999**  
**A3**

(12)

# EUROPEAN PATENT APPLICATION

(21) Application number: 85115472.4

(51) Int. Cl.<sup>4</sup> B41J 3/02 , B41J 3/12

(22) Date of filing: 05.12.85

(30) Priority: 12.12.84 IT 2402084

(43) Date of publication of application:  
02.07.86 Bulletin 86/27(84) Designated Contracting States:  
DE FR GB(88) Date of deferred publication of the search report:  
20.01.88 Bulletin 88/03(71) Applicant: HONEYWELL BULL ITALIA S.p.A.  
Via Martiri d'Italia 10  
I-10014 Calusa (TO)(IT)(72) Inventor: Collina, Giancarlo  
Via Scalabrini 126  
I-22072 Cermenate (CO)(IT)

(54) Dot matrix serial printer.

(57) Dot matrix serial printer for the simultaneous serial printing of two subsequent rows with line pitch selectable between several values, provided with a printing head having two needle groups arranged along a line transversal to the printing lines and with selection means which, according to a line pitch defining signal, select needle sub-groups within two groups to perform the simultaneous printing of characters on two subsequent lines having a line pitch value defined by said signal.

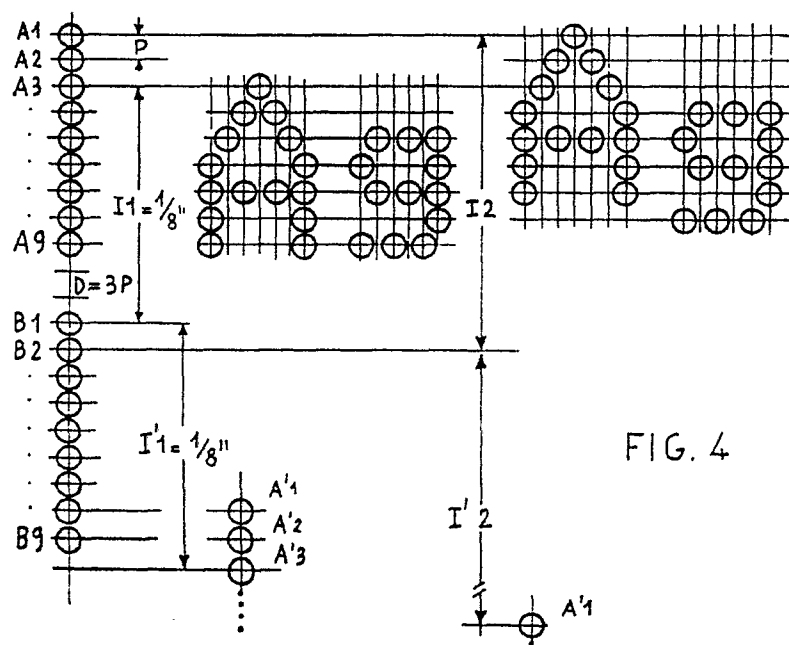


FIG. 4

EP 0 185 999 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85115472.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US - A - 4 408 907 (BERNARDIS) * Totality * --	1,2,5	B 41 J 3/02 B 41 J 3/12
A	GB - A - 2 012 090 (THE RANK ORGANISATION LTD.) * Totality * --	1,2,5	
D,A	US - A - 4 010 835 (MARTIN) * Claims * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 41 J G 06 K
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 06-11-1987	Examiner WITTMANN
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		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	