

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

**EP 0 736 379 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**13.08.1997 Bulletin 1997/33**

(51) Int Cl.<sup>6</sup>: **B41F 15/08**

(43) Date of publication A2:  
**09.10.1996 Bulletin 1996/41**

(21) Application number: **96510001.9**

(22) Date of filing: **12.03.1996**

(84) Designated Contracting States:  
**AT CH DE FR IT LI**

(71) Applicant: **Gali, Salvador**  
**08211 Barcelona Castellar V. (ES)**

(30) Priority: **14.03.1995 ES 9500564**

(72) Inventor: **Gali, Salvador**  
**08211 Barcelona Castellar V. (ES)**

(54) **Long table serigraphic printing machine with balanced propulsion and equidirectional compensated adjustable repeat**

(57) Traveling along the printing table (1) impelled by two gears (18), each one of them engaged in one rack (19) conveniently fixed in the corresponding side of said table.

With the repeats digitally adjustable to the mean lengths given by the racks teeth pitch.

Dynamically rigidized by the shaft (25) that desmodromically engages the two impelling gears (18) between them and with the two side racks.

With modularized plane rigid structure allowing eas-

ily building of different sizes both in width and maximum repeat length and giving a precise alignment after a round rail guide (4) when in static position.

With positioning equidirectionality for each printing repeat.

With the longitudinal synchronisation of the rack's pitch when they are fixed to the table's structure.

Improving the printing precision, its productivity, its functional reliability and its dimensional and programmatic adjustability.

**EP 0 736 379 A3**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 96 51 0001

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.6)
A	US 2 267 596 A (MONTAGUE ET AL.) ---		B41F15/08
A	US 4 090 443 A (GASSER) ---		
A	EP 0 446 977 A (SALVADE S.P.A.) ---		
A	FR 2 215 318 A (LACROIX) ---		
A	FR 2 224 299 A (GALI MALLOFRE) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 May 1997	Examiner DIAZ-MAROTO, V
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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  .....  &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)