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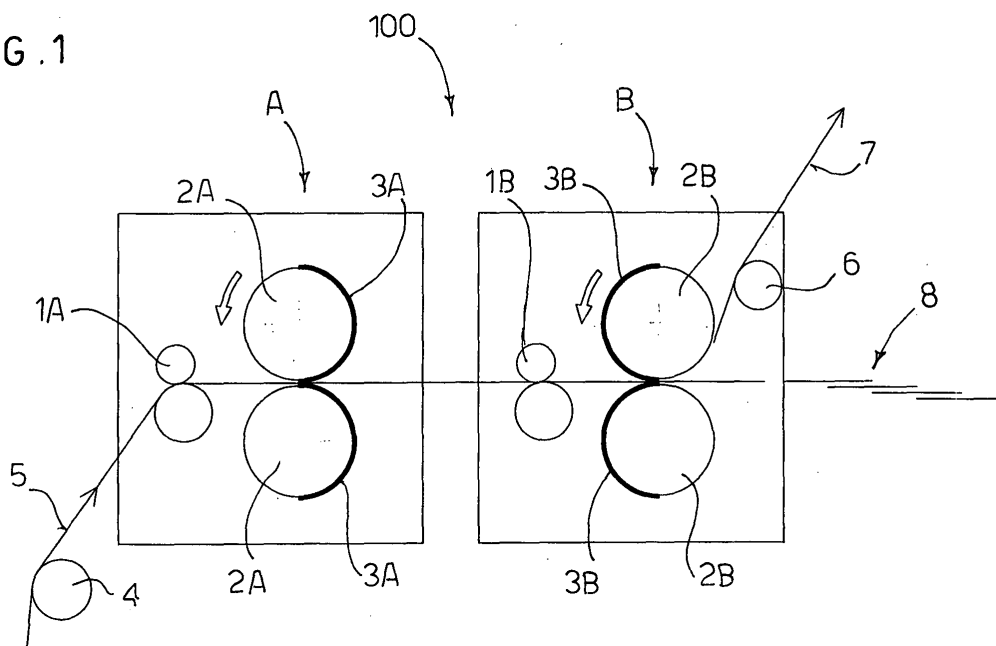
(54) **System of punching or printing**

(57) A punching machine (100) for the punching of tape material (5) comprising a first and a second punching turret (A,B) placed in line and each one provided with a pair of opposite rotating cylinders (2A,2B) holding respective punching blade sheets (3A,3B) which define the shape and the lay-out of the punched parts (8,9) to be obtained, in such a way that the tape is punched alternately by the first and by the second punching turret

(A,B).

A description is also given of a printing machine (200,300,400,500) comprising a first and a second printing turret (A,B) placed in line and each one provided with a print contrast cylinder (212A,212B) and with a plate support cylinder (203A,203B) which defines the shape and the lay-out of the print to be obtained, in such a way that the tape is printed alternately by the first and by the second printing turret (A,B).

FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
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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.7)
X	US 4 360 354 A (BISHOP ET AL) 23 November 1982 (1982-11-23) * the whole document * -----	1-6, 8-14, 16-32	B26F1/38 B26D11/00 B26D5/00 B41F13/04 B41F13/44
X	US 3 926 097 A (SANTA MARIA ET AL) 16 December 1975 (1975-12-16) * the whole document * -----	1,2,8,9	
X	EP 1 026 111 A (PRITTIE, ALLAN R) 9 August 2000 (2000-08-09) * paragraphs [0042], [0043]; figures 6a,6b * -----	1,7,8,15	
A	US 4 618 342 A (BOREL ET AL) 21 October 1986 (1986-10-21) * column 3, line 50 - line 58 * -----	1,7,9,15	
A	US 6 387 201 B1 (STUART JOHN M ET AL) 14 May 2002 (2002-05-14) * the whole document * -----	1-32	
X	US 3 448 646 A (THOMAS D. BISHOP) 10 June 1969 (1969-06-10) * the whole document * -----	1-6,9-14	B26F B26D B41F
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Place of search Munich		Date of completion of the search 20 April 2005	Examiner Canelas, R.F.
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			

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CLAIMS INCURRING FEES

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

- ☐ Only part of the claims 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 claim(s):
- ☐ 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 requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☒ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ 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 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 invention first mentioned in the claims, namely claims:



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LACK OF UNITY OF INVENTION
SHEET B

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

1. claims: 1-16

Punching machine and punching method.

1.1. claims: 17-32

Printing machine and printing method.

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 01 3213

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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20-04-2005

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