

12

EUROPEAN PATENT APPLICATION

21 Application number: 85115198.5

51 Int. Cl.³: B 41 B 13/00

22 Date of filing: 29.11.85

30 Priority: 30.11.84 FI 844713

43 Date of publication of application:
11.06.86 Bulletin 86/24

88 Date of deferred publication of search report: 24.02.88

84 Designated Contracting States:
AT BE CH DE FR GB IT LI NL SE

71 Applicant: Oy Helsingin Leimasintehdas - Helsingfors
Stämpelfabriks AB
Barnhemsgränden 2
SF-00180 Helsingfors(FI)

72 Inventor: Lönnqvist, Kurt Henrik
Frederiksgatan 31 A 16
FI-00120 Helsingfors(FI)

72 Inventor: Becker, Kaj Bernhard
Otsonkallio 3 C 17
FI-02110 Esbo(FI)

74 Representative: Liedl, Gerhard
Patentanwälte Liedl, Nöth Steinsdorfstrasse 21-22
D-8000 München 22(DE)

54 Process and apparatus used for photo setting a master for the production of stamps.

57 Process for producing by photo setting a master for the production of stamps or the like of a suitably text like image set along generally straight base line whereby the image is geometrically transformed via a substantially curved mirror surface (12) of a transparent rod like body. Said mirror surface (12) is forming an inclined angle in relation to said image, so that the master will comprise the corresponding image in a distorted curved form. According to the invention the image in the form of one or several character lines set on an at least partially transparent material is applied at a transparent part (11) of the circumference of the said body and suitably along support line extending around the body. The character line is illuminated from the outside and the distorted image reflected through said body via the suitably conical mirror surface (12) towards the end plane (14) of said body is reproduced, whereafter said reproduction is treated with photometric methods to form a master for the production of stamps or alike.

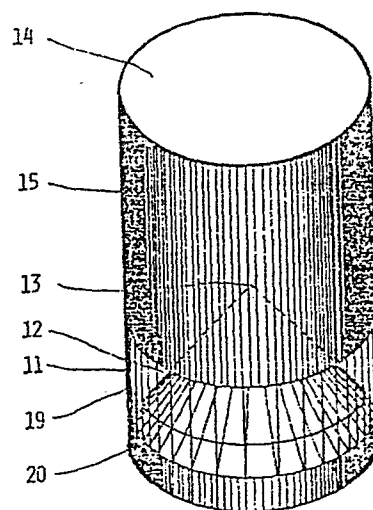


FIG 2



European Patent
Office

EUROPEAN SEARCH REPORT

0184161
Application Number

EP 85 11 5198

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.4)
Y	BE-A- 561 937 (WOLF) * Figure 5; page 1, line 1 - page 2, first paragraph; page 5, last paragraph - page 6, whole page *	1-8,10	B 41 B 13/00
A	---	9	
Y	US-A-4 326 775 (KING) * Figures 1,3; column 2, lines 28-60; column 3, line 51 - column 4, line 21 *	1-8,10	
A	GB-A-1 203 479 (KIRCHHOFF) ---		
A	US-A-2 314 272 (GRUDIN) ---		
A	DE-A-2 134 785 (BERTHOLD FOTOTYPE) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 14 B G 02 B
Place of search		Date of completion of the search	Examiner
THE HAGUE		25-11-1987	FORLEN G.A.
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			