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(54) **Series of security documents provided with a watermark in the form of a bar code**

(57) The invention relates to a series of security documents, preferably bank notes, comprising several denominations each representing a different value, provided with a watermark in the form of a bar code (2), the bars for each denomination being at another angle to

an axis.

Additionally the invention relates to a device for detecting and reading a watermark in the form of a bar code, provided with at least two recording elements, two recording elements being sensitive in different wavelength ranges in the infrared range.

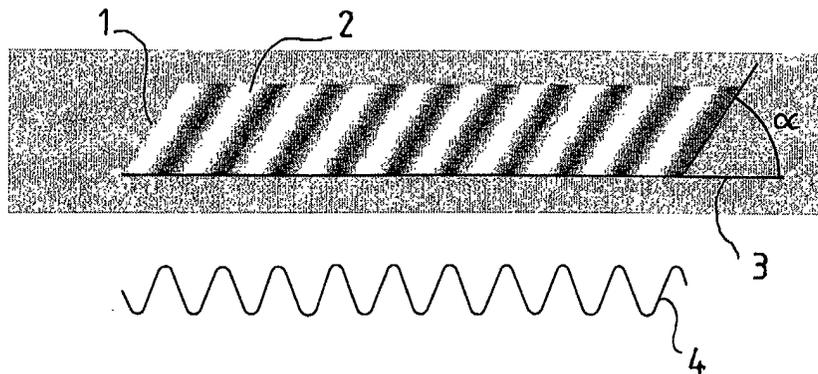


FIG. 1



European Patent Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 07 7268

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)
A	WO 00 45344 A (THE GOVERNOR AND COMPANY OF THE BANK OF ENGLAND) 3 August 2000 (2000-08-03) * the whole document *	1,11-14	B42D15/00
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B42D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		16 October 2002	LONCKE, J
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	

EPO FORM 1503, 03.92 (P04G01)

**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:

1-14, 21



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: 1-14, 21

Security document provided with a watermark

2. Claims: 15-20

Device for detecting and reading a security mark

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

EP 02 07 7268

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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16-10-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0045344 A	03-08-2000	AT 230510 T	15-01-2003
		AU 3063100 A	18-08-2000
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