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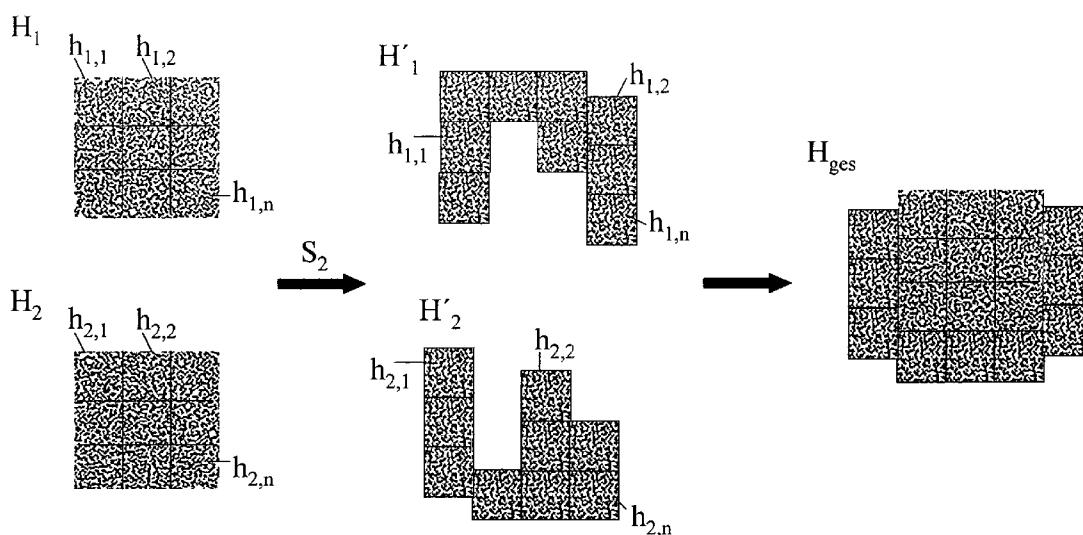
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(57) Abstract: In a coding method for the encryption of information worth protecting on a holographic data storage medium, an item of information (I ; I_1 , I_2) to be encrypted is converted into a graphic data image (D_1 , D_2), which is in turn converted into a hologram in order to write the holographic data storage medium (4) therewith. The invention provides for the hologram to be changed graphically before the writing of the holographic data storage medium (4). As a result of the manner in which the hologram is changed graphically, encryption which is less susceptible to faults is achieved in a simple way, which presents increased resistance to a parallelized brute force attack.

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INTERNATIONAL SEARCH REPORT

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PCT/EP2007/009795

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDSSEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G09C G03H G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical search terms used)

EPO-Internal, WPI Data

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No
A	<p>GUO Y ET AL: "DECOMPOSITION STORAGE OF INFORMATION BASED ON COMPUTER-GENERATED HOLOGRAM INTERFERENCE AND ITS APPLICATION IN OPTICAL IMAGE ENCRYPTION" APPLIED OPTICS, OSA, OPTICAL SOCIETY OF AMERICA, WASHINGTON, DC, vol. 40, no. 17, 10 June 2001 (2001-06-10), pages 2860-2863, XPOOL 103065 ISSN: 0003-6935 the whole document</p> <p>-----</p> <p>GB 2 245 983 A (MARCONI GEC LTD [GB]) 15 January 1992 (1992-01-15) the whole document</p> <p>-----</p> <p style="text-align: right;">-/-</p>	1-21
A		1-21



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate of the relevant passages	Relevant to claim No
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A	US 2006/078113 A1 (JAVIDI BAHRAM [US] ET AL) 13 April 2006 (2006-04-13) paragraph [0041] - paragraph [0098] -----	1-21
A	US 6 064 586 A (SNYDER RAY [US] ET AL) 16 May 2000 (2000-05-16) the whole document -----	1-21
A	US 5 907 581 A (ASHLEY JONATHAN JAMES [US] ET AL) 25 May 1999 (1999-05-25) the whole document -----	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

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