Title: CODED APERTURE IMAGER WITH NEAR-FIELD ARTIFACT CORRECTION FOR DYNAMIC STUDIES

Abstract: A near-field coded aperture device and method including at least two detectors (10, 20) with each detector located on opposing sides of an object (30) at about a 180 degree angle relative to the other detector and equipping the detectors (10, 20) with two different copies of the same coded aperture (1, 2) rotated at about a 90 degree angle relative to each other.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : GOIT I/164
   US CL : 250/363.06; 375/57
   According to International Patent Classification (IPC) or to both national classification and IPC:

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
   U.S. : 250/363.06; 375/57

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 5,940,468 A (HUANG et al) 17 August 1999 (17.08.1999), column 1, lines 11-16, column 2, line 63 to column 3, line 6, column 4, line 15 to column 7, line 30.</td>
<td>1-16</td>
</tr>
</tbody>
</table>

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Date of the actual completion of the international search
   02 February 2005 (02.02.2005)

Date of mailing of the international search report
   14 March 2005

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Form PCT/ISA/210 (second sheet) (January 2004)
Continuation of Item 4 of the first sheet:
The title of the invention is not short (preferably from two to seven words when in English or translated into English) and/or precise (PCT Rule 4.3).
NEW TITLE
Coded aperture imager