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(54) Title: IMAGE CORRECTION USING A MICROLENS ARRAY AS A UNIT

(57) Abstract: A system constructs a composite image using focus assessment information of image regions.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/00844

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G02B 27/10**(2006.01)

USPC: 359/619,626;382/280;348/349

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. : 359/619, 626; 382/280, 284, 286, 299, 308 ;348/349, 335, 207.11

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)

USPGPUB, USPAT, USOCR, EPO, JPO, DERWENT, IBM_TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|------------------------------------------------------------------------------------|-----------------------|
| A | US 2002/0114077 (Javidi) 23 January 2002 (23.01.2002), whole document | 1-52 |
| A | US 6,088,083 (Meier) 11 July 2000 (11.07.2000), whole document | 1-52 |

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