

Title (en)

ELECTRONIC IMAGE SENSOR AND EVALUATION METHOD

Title (de)

ELEKTRONISCHER BILDSSENSOR UND EIN VERFAHREN ZUR AUSWERTUNG

Title (fr)

CAPTEUR D'IMAGE ELECTRONIQUE ET PROCEDE D'ANALYSE

Publication

**EP 1479217 A1 20041124 (DE)**

Application

**EP 03720128 A 20030222**

Priority

- DE 0300570 W 20030222
- DE 10208289 A 20020226

Abstract (en)

[origin: DE10208289C1] The image sensor (01) has several individual sensors (02,03,04,06) at spaced positions on a common carrier (07), each having a number of light-sensitive pixels in a row, each providing an electrical signal representing the incident light at the given pixel position, converted into image information by an evaluation unit. The image sensor is spaced relative to the examined object (09) so that the image regions received by the individual sensors overlap, the pixels of at least one sensor only partially read, so that the overlap areas are only read once by the evaluation unit. An Independent claim for an evaluation method for an electronic image sensor having individual sensors with overlapping image regions is also included.

IPC 1-7

**H04N 1/195**

IPC 8 full level

**H04N 1/19** (2006.01); **H04N 1/195** (2006.01); **H04N 1/40** (2006.01); **H04N 3/15** (2006.01)

CPC (source: EP US)

**H04N 1/19** (2013.01 - EP US); **H04N 1/40056** (2013.01 - EP US); **H04N 25/41** (2023.01 - EP US)

Citation (examination)

- DE 4024618 A1 19920206 - SIEMENS AG [DE]
- DE 3338168 A1 19840426 - DAINIPPON SCREEN MFG [JP]
- JP S63240261 A 19881005 - MATSUSHITA ELECTRIC IND CO LTD
- JP 2002051261 A 20020215 - MATSUSHITA ELECTRIC IND CO LTD
- See also references of WO 03073745A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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