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Cieslinski

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(54) **IMAGE SENSOR CAPABLE OF REDUCING THE VISIBILITY OF THE BORDER WHICH SEPARATES COLUMN PIXEL GROUPS**

(75) Inventor: **Michael Cieslinski**, Ottobrunn (DE)

(73) Assignee: **Arnold & Richter Cine Technik GmbH & Co. Betriebs KG**, Munich (DE)

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H04N 5/335 (2011.01)

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(58) **Field of Classification Search** ..... None
See application file for complete search history.

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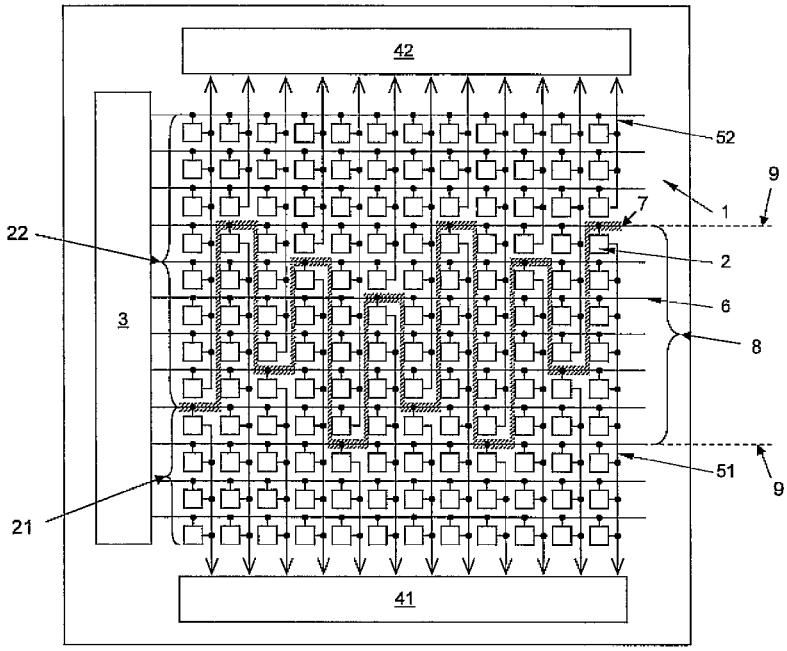
Primary Examiner — Luong T Nguyen
(74) *Attorney, Agent, or Firm* — Gifford, Krass, Sprinkle, Anderson & Citkowski, P.C.

(57) **ABSTRACT**

The invention relates to an image sensor, in particular to a CMOS image sensor, for electronic cameras, having a plurality of light-sensitive pixels arranged in rows and columns, wherein the pixels of a respective column are divided into a first pixel group and a second pixel group, wherein, in each column, the pixels of the respective first pixel group are coupled to a common first column amplifier via a common first column line and the pixels of the respective pixel group are coupled to a common second column amplifier via a common second column line. The division of the pixels into the first pixel group and second pixel group is different for different columns.

11 Claims, 4 Drawing Sheets