Abstract

Image-recording system and method for image recording

Image sensors rotated with respect to one another by 90° and having optional pixel access are used for quick image recording. A short pixel access time is thereby achieved for row and column directions. For the purpose of detecting the position of objects having orthogonal edges, the individual photosensitive elements are of rectangular construction, and/or there is an offset of the division of the individual rows with respect to one another. The result is a reduction in the required number of pixels, as well as an improved edge detection. Overall, the method drastically reduces the detection time for determining the position of technical objects having orthogonal edges, and simultaneously substantially improves the achievable accuracy.

Relevant Figure 1