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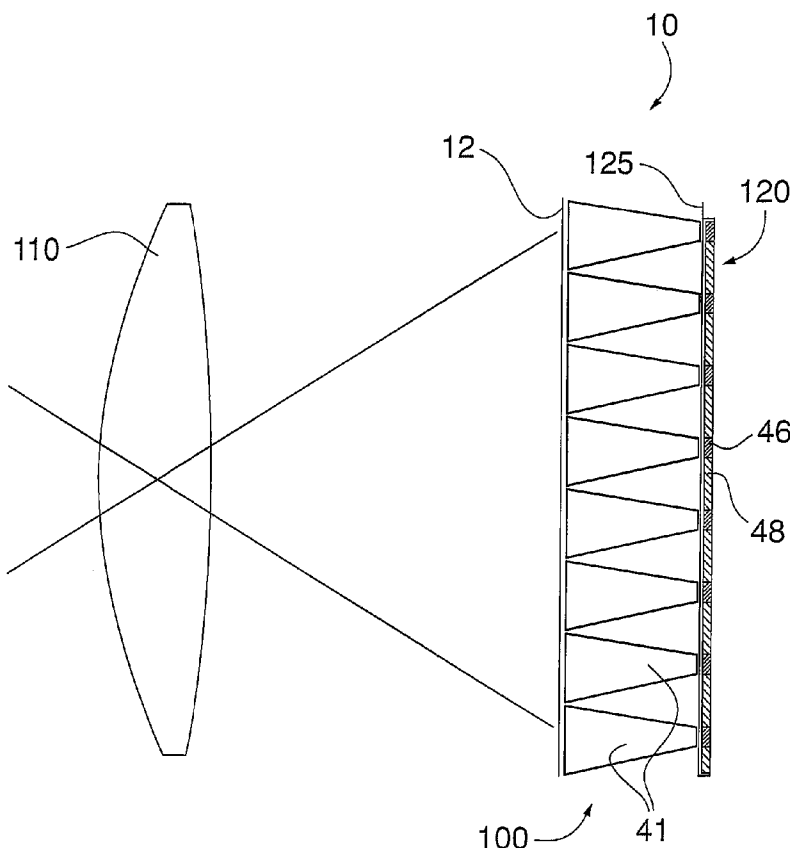
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(54) Title: IMAGE-TAKING OPTIMISATION DEVICE, METHOD AND OPTICAL COMPONENT THEREFOR



(57) Abstract: The present invention relates, in general, to devices for optimising image-taking, to optical components comprised in said devices and to a method for optimising image-taking in applications wherein photo-detecting elements with pixel-board processing are provided. The device comprises an objective (110) arranged for focalising the image or optical information on a focal plane (12) and at least one chip (120) of photo-detecting elements with pixel-board processing (112) having photo-sensitive elements (46) and circuit elements (48). The device further comprises at least one optical component (100) having a plurality of concentrators (41) and corresponding optical elements shaped so as to collect the optical information present in the focal plane (12) and concentrate said optical information on the photo-sensitive elements (46).

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