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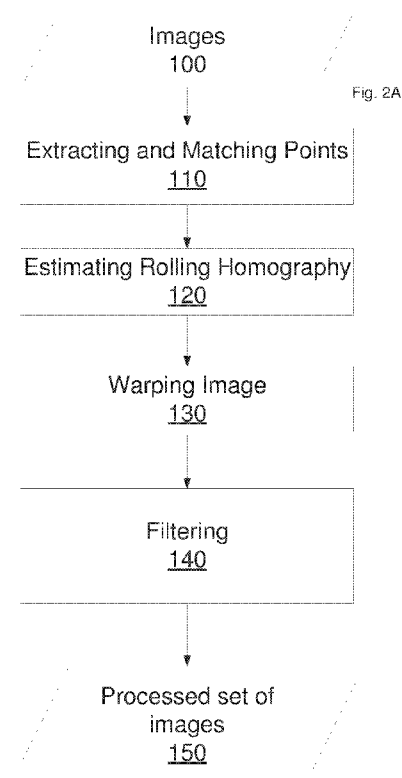
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(54) Title: SYSTEM AND METHOD FOR IMAGES DISTORTION CORRECTION



(57) Abstract: Images are processed to compensate for rolling shutter effects. A pair of images are registered. A set of pixel rows in the first image and a corresponding set of pixel rows in the second image are obtained. A parametric model is generated characterizing a transformation between pixels in the set of pixel rows in the first image with pixels in the corresponding set of pixel rows of the second image. Using the generated parametric model, the set of pixel rows in the second image is warped with respect to the set of pixel rows in the first image, reducing rolling shutter effects.



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