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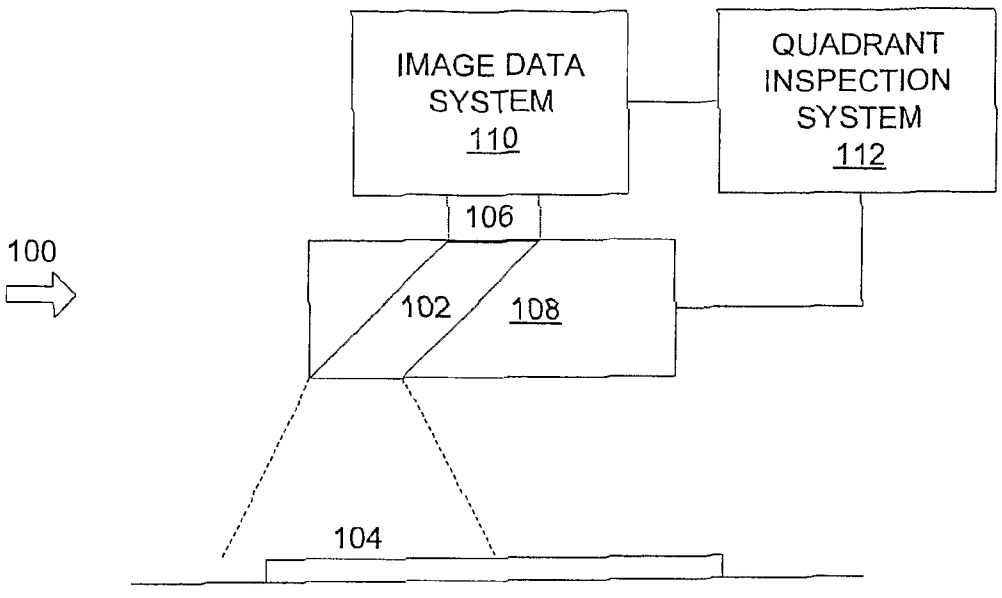
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(54) Title: ROTATING PRISM COMPONENT INSPECTION SYSTEM



(57) Abstract: An inspection system (100) is provided. The system includes a rotating prism (102) having a first end and a second end. The first end receives a first image area (104), such as a circular view, and rotates abbut a center point so as to cover a field of view area that is larger than the first image area, such as a larger circle that is defined by the smaller circle of view as it rotates around the center point. The second end remains centered on the center point and provides a viewing area (106) that does not change in dimension. An image data system (110) at the second end of the rotating prism generates image data as the prism rotates so as to generate two or more sets of image data that are contained within the field of view area.

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