Recording a Sequence of Images with Moving Optical Element

Technology #m01-049

Moving Optical Element for Recording a Sequence of Images

The method of imaging involves continuously moving an optical element in an imager. The optical element comprises a refractive element, a reflective element, and an interference filter. The optical element is moved into a reference frame of the imager. Radiation ray bundles are received by the optical element. The radiation ray bundles are optically processed.

Imaging System with Enhanced Spatial Resolution and Image Recording Rate Reduction

The method provides an imaging system with enhanced spatial resolution, enhanced resolution and dynamic range with respect to color, polarization, depth, and brightness. The rate at which images can be recorded is substantially reduced.

Inventors

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