

ALIGNMENT SYSTEMS AND METHODS FOR LITHOGRAPHIC SYSTEMS

ABSTRACT OF THE DISCLOSURE

An alignment system for a lithographic apparatus has a source of alignment radiation, a detection system that has a first detector channel and a second detector channel, and a position determining unit in communication with the detection system. The position determining unit processes information from the first and second detector channels in combination to determine a position of an alignment mark on a first object relative to a reference position on a second object based on the combined information.

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Figure 1

