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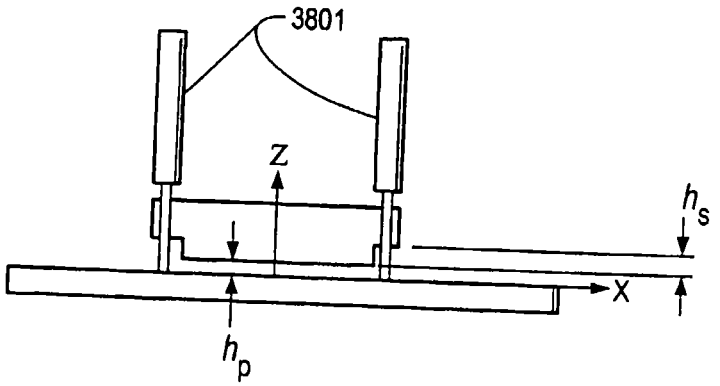
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(54) Title: METHODS FOR HIGH-PRECISION GAP AND ORIENTATION SENSING BETWEEN A TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT LITHOGRAPHY

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(57) Abstract: Described are high precision gap and orientation measurement methods between a template and a substrate used in imprint lithography processes. Gap and orientation measurement methods presented here include uses of broad-band light based measuring techniques.

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