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**United States Patent** **7,256,398**
**Ross , et al.** **August 14, 2007**

# Security markers for determining composition of a medium

**Abstract**

A method of determining a component of a medium comprises illuminating the medium to excite a marker associated with the component. Detected photoluminescent emission from the marker in response to the excitation is compared with one or more emission profiles. The component is identified based on a match between the detected photoluminescent emission and at least one of the emission profiles.

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**Related U.S. Patent Documents**

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|---|---|---|---|
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