

Title (en)
VALUABLE DOCUMENT

Title (de)
WERTDOKUMENT

Title (fr)
DOCUMENT DE VALEUR

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Application
EP 00941978 A 20000523

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Abstract (en)
[origin: US6858323B1] The invention relates to a document of value, such as a paper of value, ID card or the like, having at least one authenticity feature in the form of a luminescent substance. The luminescent substance has particles consisting of a dye-laden molecular sieve whose structure forms an optical resonator. In said resonator at least one dye can be excited to show stimulated emission, the dye being incorporated in the cavities of the molecular sieve or located in or on the internal and external surfaces of the molecular sieve, and the transition to stimulated emission being accompanied by a detectable change in the luminescent properties of the dye.

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