

Title (en)
SECURITY ELEMENT

Title (de)
SICHERHEITSELEMENT

Title (fr)
ELEMENT DE SECURITE

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Application
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Abstract (en)
[origin: WO2006099642A1] The invention relates to a security element (1), comprising a first luminescent substance, for a security document (5), the latter (5) comprising a base body (51) consisting of a base material. The aim of the invention is to increase the protection against forgery. To achieve this: the security element is provided with a second luminescent substance; energy is transmitted between the first luminescent substance and the second luminescent substance, whereby the frequency range of the excitation of one of the luminescent substances corresponds to the emission frequency range of the other luminescent substance; and the first luminescent substance is thermally unstable at the ignition temperature of the base material and/or at a temperature of 185 °C.

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Citation (search report)
See references of WO 2006099642A1

Cited by
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WO 2006099642 A1 20060928; AT 502868 A1 20070615; AT 502868 B1 20080615; AT E431786 T1 20090615; AU 2006227581 A1 20060928; AU 2006227581 B2 20110707; CA 2599427 A1 20060928; CA 2599427 C 20130903; DE 502006003773 D1 20090702; EP 1863651 A1 20071212; EP 1863651 B1 20090520; ES 2327560 T3 20091030; JP 2008533622 A 20080821; JP 5183464 B2 20130417; MA 29390 B1 20080401; PL 1863651 T3 20091231; RU 2007138976 A 20090427; RU 2401745 C2 20101020; US 2009231572 A1 20090917; US 7656511 B2 20100202; ZA 200708590 B 20080730

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