

Title (en)
SECURITY FEATURE

Title (de)
SICHERHEITSMERKMAL

Title (fr)
CARACTÉRISTIQUE DE SÉCURITÉ

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Application
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Abstract (en)
[origin: WO2012003854A1] The invention relates to a security feature comprising a luminescence pigment which has a host grating doped with a luminophore and is optically excited in order to emit luminescence light. The luminescence light of the luminescence pigment has a luminescence spectrum with a first luminescence peak and a second luminescence peak, the intensity of each peak being dependent on a substance constituent amount x of the luminophore in the luminescence pigment. With the luminescence pigment according to the invention, the host grating, the luminophore and the substance constituent amount x of the luminophore are selected such that even a slight increase or decrease in the substance constituent amount x of the luminophore brings about an intense relative variation in the peak intensities IA and IB. As a result thereof, the security against falsification provided by the luminescence pigment according to the invention is increased.

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