

Title (en)  
LAYER-TYPE VALUE DOCUMENT COMPRISING AN INK MIXTURE IN ONE LAYER

Title (de)  
SCHICHTARTIGES WERTDOKUMENT MIT FARBGEMISCH IN EINER SCHICHT

Title (fr)  
DOCUMENT DE VALEUR STRATIFIE COMPRENANT UN MELANGE D'ENCRE DANS UNE COUCHE

Publication  
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Application  
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Abstract (en)  
[origin: WO2005108110A1] The invention relates to a value document (10), particularly a banknote, comprising a sequence of layers into which visually and/or mechanically recognizable markings are introduced in the form of patterns, letters, numbers, or images under the effect of laser radiation. According to the invention, the sequence of layers encompasses a marking layer (22) that is composed of an ink mixture (24, 26) comprising a component (26) absorbing the laser radiation and a component (24) which is transparent to the laser radiation. The markings are visually and/or mechanically recognizable as a result of an irreversible change in the optical characteristics of the ink mixture (24, 26), said irreversible change being caused by the laser radiation.

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