

Title (en)
SENSOR DEVICE FOR THE SPECTRALLY RESOLVED CAPTURE OF VALUABLE DOCUMENTS AND A CORRESPONDING METHOD

Title (de)
SENSOREINRICHTUNG ZUR SPEKTRAL AUFGELOSTEN ERFASSUNG VON WERTDOKUMENTEN UND EIN DIESE BETREFFENDES VERFAHREN

Title (fr)
DISPOSITIF DE DÉTECTION POUR LA DÉTECTION À RÉOLUTION SPECTRALE DE DOCUMENTS DE VALEUR ET PROCÉDÉ CORRESPONDANT

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Application
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Priority
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• DE 102008028689 A 20080617

Abstract (en)
[origin: WO2009152961A1] The invention relates to a sensor device for the spectrally resolved capture of optical detection radiation that originates from a valuable document transported through a capture zone of the sensor device in a predetermined direction of transport. The sensor device comprises a detection device for the spectrally resolved detection of the detection radiation in at least one predetermined spectral detection zone and the emission of detection signals that reflect at least one, especially spectral, property of the detected detection radiation, at least one reference radiation device emitting an optical reference radiation that is at least partially injected into a detection beam path of the detection device depending on the position of the valuable document in relation to the capture zone and that has a spectrum having a narrow band that lies within the predetermined spectral detection zone, and/or at least one spectrum having an edge that lies within the predetermined detection zone, and a control and evaluation device that is designed to use the detection signals that reflect the property of the reference radiation to examine and/or adjust the detection device and/or to use them in the evaluation of detection signals that reflect at least one property of the detection radiation originating from the valuable document.

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