

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

Publication  
**EP 2304696 A1 20110406 (DE)**

Application  
**EP 09765540 A 20090604**

Priority  
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• DE 102008028690 A 20080617

Abstract (en)  
[origin: WO2009152960A1] 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. The sensor device comprises a detection device for the spectrally resolved detection of the detection radiation and the emission of detection signals that reflect at least one property of the detection radiation, at least one reference radiation device emitting an optical reference radiation that is injected into a detection beam path of the detection device and that has a spectrum having a structure that lies within the spectral detection zone, and that has a radiation source which acts as a transmitter of a photoelectric barrier or of a light scanner by means of which a movement and/or a position of the valuable document in relation to the capture zone can be detected, and a control and evaluation device that is designed to receive detection signals of the detection device, to evaluate them and to emit evaluation signals depending on the result of evaluation and that is further designed to use detection signals that reflect the property of the reference radiation to examine and/or adjust the detection device and/or to make correction data available which can be used in the evaluation of detection signals that reflect at least one property of the detection radiation originating from the valuable document.

IPC 8 full level  
**G07D 7/12** (2006.01); **G07D 7/16** (2006.01)

CPC (source: EP US)  
**G07D 7/1205** (2017.04 - EP US); **G07D 7/17** (2017.04 - EP US)

Citation (search report)  
See references of WO 2009152960A1

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