

Title (en)

SENSOR FOR VERIFYING VALUE DOCUMENTS

Title (de)

SENSOR ZUR PRÜFUNG VON WERTDOKUMENTEN

Title (fr)

CAPTEUR POUR VÉRIFICATION DE DOCUMENTS DE VALEUR

Publication

EP 2559010 A1 20130220 (DE)

Application

EP 11715177 A 20110412

Priority

- DE 102010014912 A 20100414
- EP 2011001849 W 20110412

Abstract (en)

[origin: WO2011128080A1] The invention relates to a sensor for verifying a value document, which is moved relative to the sensor. The sensor is designed to check the decay time of a luminescence of the value document based on luminescence signals of a plurality of detectors. The sensor comprises a lighting device for illuminating the value document with excitation light, and a plurality of detectors for continuous detection of luminescent light that the illuminated value document emits in different detection regions that are arranged offset with respect to each other along the movement direction of the value document. A first of the detectors of the sensor is designed to generate a first luminescence signal of a first detection region that in the measuring plane overlaps with the illuminated portion, and a second detector of the sensor is designed to generate a second luminescence signal of a preceding detection region which, viewed along the movement direction of the value document, is arranged in the measuring plane upstream of the first detection region.

IPC 8 full level

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