

Title (en)
SENSOR FOR VERIFYING THE LUMINESCENCE OF VALUE DOCUMENTS

Title (de)
SENSOR ZUR PRÜFUNG DER LUMINESZENZ VON WERTDOKUMENTEN

Title (fr)
CAPTEUR POUR LE CONTRÔLE DE LA LUMINESCENCE DE DOCUMENTS DE VALEUR

Publication
EP 4295333 A1 20231227 (DE)

Application
EP 22709947 A 20220215

Priority

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- EP 2022025050 W 20220215

Abstract (en)
[origin: WO2022174979A1] The invention relates to a sensor for verifying value documents, said sensor being designed to determine a luminescence characteristic of a value document that is moved past the sensor for verification purposes, and the provision of a velocity correction of the luminescence characteristic of the value document in the sensor. The relative movement between the value document and the sensor causes movement effects, resulting in a distortion of the measured luminescence intensities. A reference sensor is used to determine an average velocity dependency of the luminescence characteristic of a reference medium, said average velocity dependency being averaged over both opposite directions of movement and being used to determine a velocity dependency of a corrective factor for the luminescence characteristic. Said determined velocity dependency is used to determine the corrective factor for the luminescence characteristic, said corrective factor applying to the velocity of the movement of the value document during the verification process, and the luminescence characteristic is then corrected by said corrective factor.

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