

Title (en)
SENSOR FOR VERIFYING VALUE DOCUMENTS

Title (de)
SENSOR ZUR PRÜFUNG VON WERTDOKUMENTEN

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

Publication
EP 4295332 A1 20231227 (DE)

Application
EP 22708744 A 20220215

Priority

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- EP 2022025049 W 20220215

Abstract (en)
[origin: WO2022174978A1] The invention relates to a sensor for verifying value documents, said sensor being designed to determine the luminescence time constant of a value document that is moved past the sensor for verification purposes, and the provision of a velocity correction of the luminescence time constant 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 intensity curve from which the luminescence time constant is derived. According to the invention, the luminescence time constant is corrected using a sensor-specific corrective factor ascertained for the velocity of the movement of the value document during the verification process. For this purpose, different sensor-specific corrective factors are used for different examples of sensors that are nominally identical in design and are part of the same sensor production series.

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