

Title (en)

Apparatus for sensing optical characteristics of a banknote

Title (de)

Vorrichtung zur Erfassung von optischen Eigenschaften eines Geldscheins

Title (fr)

Appareil pour détecter des caractéristiques optiques d'un billet de banque

Publication

EP 1321904 B1 20100714 (EN)

Application

EP 02258600 A 20021213

Priority

- EP 02258600 A 20021213
- EP 01310680 A 20011220

Abstract (en)

[origin: EP1321904A1] The optical characteristics of a banknote are measured by using first and second sets of optical devices positioned on respective sides of the banknote path. Each device includes a transmitter and an adjacent pair of receivers, the receivers being capable of receiving light from the adjacent transmitter which has been diffusively reflected by the banknote, and each receiver also receiving light from the transmitter of the opposed device. Calibration is carried out by moving a reference body of predetermined reflectance and transmittance characteristics into the banknote path between the devices. <IMAGE>

IPC 8 full level

G07D 7/12 (2006.01)

CPC (source: EP US)

G07D 7/121 (2013.01 - EP US)

Cited by

EP1826729A1; EP2693408A4; US9202122B2; EP1739634A1; US7913832B2; US8177046B2; US7677379B2; US7677380B2; US8348042B2; EP1755088A1; EP2249319A1; EP2256700A1; EP1576549B2; EP1752932B2

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 1321904 A1 20030625; EP 1321904 B1 20100714; EP 1321904 B2 20200408

DOCDB simple family (application)

EP 02258600 A 20021213