

Title (en)

A device for recognising and examining bank-notes or the like.

Title (de)

Gerät zur Erkennung und Prüfung von Banknoten oder dergleichen.

Title (fr)

Dispositif de reconnaissance et d'examen pour des billets de banque ou équivalent.

Publication

EP 0101115 A1 19840222 (EN)

Application

EP 83201073 A 19830720

Priority

NL 8202920 A 19820720

Abstract (en)

A device for recognising and examining bank-notes (20) or the like, in which a bank note is transported through a transverse light curtain, and the transmission fluctuations caused by the printed patterns are detected by means of a row of light-sensitive cells, (10) the output signals thereof being stored in a matrix buffer memory (30) as a digital picture of the bank-note, said picture being compared with corresponding data relating to a reference banknote of the same value permanently stored in one of a plurality of partial memories, (36a..d), the comparison results of at least a substantial part of the bank-note being statistically processed, all this irrespective of the orientation of the bank-note. Moreover the dimensions, colour and ultra-violet remission of the bank note are determined, at least one of the first two measurements being suitable for determining the value of the bank-note. Since the picture of the bank-note is temporarily held in the buffer memory (30), a repeated comparison is possible, in particular in respect of different orientations of the bank-note. In particular the partial memories contain only a sample relating to discrete parts arbitrarily distributed over at least a substantial part of the reference bank-note.

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G07D 7/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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