

Publication

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Application

EP 96303493 A 19960516

Priority

GB 9510678 A 19950525

Abstract (en)

[origin: EP0744716A2] In a method and apparatus for authenticating documents, at least one small area (22) on a document (12) being tested is sensed by a spectroscope (26), and the light intensity at a plurality (e.g. 50) of spectral points is measured by a photodiode array (30). The resulting signals are digitized in an analog-to-digital converter (38) and the resulting data is stored. This data is then analyzed by discriminant analysis, whereby the intensity values treated as components of a vector are multiplied by one or more sets of weighting coefficients (discriminant functions) to provide a set of discriminant function values. A distance measurement between this set of values and the centroid of a corresponding set of values for genuine documents is compared with a threshold value to determine the authenticity of the document (12). <IMAGE>

IPC 1-7

G07D 7/00

IPC 8 full level

G06T 7/00 (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2006.01)

CPC (source: EP US)

G07D 7/1205 (2017.04 - EP US)

Citation (search report)

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