

Title (en)

Method and device for measuring the dynamic properties of the colour zones in inking units of a printing machine

Title (de)

Verfahren zur Bestimmung der dynamischen Eigenschaften von Farbzonen von Farbwerken einer Druckmaschine

Title (fr)

Procédé et dispositif de mesure des propriétés dynamiques des zones d'encre dans un système d'encre d'une machine à imprimer

Publication

EP 0741031 A3 19970903 (DE)

Application

EP 96105192 A 19960401

Priority

DE 19516334 A 19950504

Abstract (en)

[origin: EP0741031A2] A printed document is scanned with a camera that provides voltage signals indicative of the various colours. The values are used in a sensitivity matrix that is used to regulate the colour characteristics of different zones. The response of the system to a sudden change in operating condition (S) produces a measured signal that responds after a delay (T) with an exponential characteristics. The initial rate of change of the signal allows identification of the dynamic characteristic to be made.

IPC 1-7

B41F 33/00

IPC 8 full level

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CPC (source: EP)

B41F 33/0045 (2013.01)

Citation (search report)

- [A] EP 0324718 A1 19890719 - GRETAG AG [CH], et al
- [A] DE 4311132 A1 19931104 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

DE10312998B4; US7059245B2

Designated contracting state (EPC)

DE FR GB

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EP 0741031 A2 19961106; EP 0741031 A3 19970903; EP 0741031 B1 20000628; DE 19516334 A1 19961107; DE 59605481 D1 20000803

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