

Title (en)

Device for detecting by densitometry a measuring strip in printing machines.

Title (de)

Vorrichtung an Druckmaschinen zur densitometrischen Erfassung eines Messfeldstreifens.

Title (fr)

Dispositif pour la lecture densitométrique d'un ruban de mesure dans les machines d'impression.

Publication

EP 0264562 A2 19880427 (DE)

Application

EP 87111628 A 19870811

Priority

DE 3631204 A 19860913

Abstract (en)

[origin: US4806002A] A densitometric sensing device in which a density measuring head, which is part of the device, traverses an ink test strip printed on a page which is fed to or placed on the device. The problem of misalignment between the thus-placed ink test strip and the scanning direction of the density measuring head is avoided by providing a plurality of density measuring receivers in the measuring head, mounted transverse to the direction of travel so that the ink test strip is always under some of the receivers. The measured density values of all of the receivers are passed to a comparison circuit which cooperates with a logic circuit to determine from the values of the signals themselves which should be used to produce a composite density value, which is then used as the density for the zone being scanned.

Abstract (de)

Vorrichtung an Druckmaschinen zur densitometrischen Erfassung von Meßfeldstreifen (5). Zur Vermeidung von Fehlmessungen bei nicht genau paralleler Führung des Meßkopfes (2) über dem Meßfeldstreifen werden die Dichtewerte mehrerer Aufnehmer (7) nebeneinander aufgenommen und miteinander verglichen. Die maximalen Werte verschiedener Aufnehmer werden als die über dem Meßfeld gelegenen akzeptiert und aufsummiert.

IPC 1-7

B41F 33/00

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0264562 A2 19880427; **EP 0264562 A3 19881221**; **EP 0264562 B1 19910529**; AT E63858 T1 19910615; DE 3631204 A1 19880324; DE 3631204 C2 19931125; DE 3770403 D1 19910704; JP H0627704 B2 19940413; JP S6371638 A 19880401; US 4806002 A 19890221

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EP 87111628 A 19870811; AT 87111628 T 19870811; DE 3631204 A 19860913; DE 3770403 T 19870811; JP 22675787 A 19870911; US 9685987 A 19870914