

Title (en)

Method and device for magnetographic copying.

Title (de)

Verfahren und Vorrichtung zum magnetographischen Kopieren.

Title (fr)

Procédé et machine d'impression magnétographique.

Publication

EP 0082739 A2 19830629 (FR)

Application

EP 82400422 A 19820309

Priority

FR 8124055 A 19811223

Abstract (en)

[origin: US4449132A] The invention relates to a magnetographic printing process, as well as to a machine which enables images in color to be produced on a print carrier. The machine which carries out this process comprises magnetic heads (13-1, . . . , 13-n) excited by pulses emitted by a generator (26) by means of a current calibrating means (27) to produce on the drum (10) magnetized points having different magnetizations, pigment applicator means (40, 42, 44), retouching means (41, 43), and a transfer station (45) where the pigments deposited onto the drum (10) are transferred to a paper strip (21). The electric current calibrating means is connected between the pulse generator and each of the heads so as to allow each of the current pulses emitted by the generator to be adjusted selectively to one of the p predetermined amplitude values and thus to produce on the recording surface a latent magnetic image whose magnetized points exhibit the same magnetic polarity but have different intensities of magnetization valued as J1, J2, J3 . . . Jp, such that J1>J2>J3 . . . >Jp, each of the values being associated with each one of the p values. The magnetized points are designed to produce image parts which, on the print carrier, must appear in the same color, all having the same intensity of magnetization.

Abstract (fr)

1 - L'invention concerne un procédé d'impression, ainsi qu'une machine, qui permet d'obtenir des images en couleurs sur un support d'impression.
2 - La machine qui applique ce procédé comporte des têtes magnétiques (13-1,...,13 + n) excitées par des impulsions envoyées par une source (26) par l'intermédiaire d'un dispositif de calibrage (27) pour former sur le tambour (10) des points magnétisés ayant des aimantations différentes, des dispositifs applicateurs de pigment (40, 42, 44), des dispositifs de retouche (41, 43) et un poste de transfert (45) où les pigments déposés sur le tambour (10) sont transférés sur une bande de papier (21). 3 - Application aux machines imprimantes magnétiques.

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G03G 19/00

IPC 8 full level

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