

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 0082742 A2 19830629 (FR)

Application

EP 82400425 A 19820309

Priority

FR 8124060 A 19811223

Abstract (en)

[origin: US4449133A] The invention relates to a magnetographic printing process as well as to a machine which enables the production of images in two colors on a print carrier. The machine which carries out said process comprises magnetic heads (13-1 . . . , 13-n) energized by impulses emitted by a pulse generator (26) by means of a current calibrating and reversing device (27) in order to selectively produce on the drum (10) magnetized points having magnetizations of different direction and amplitude, pigment applicator means (40, 42), retouching devices (41, 43) and a transfer station (45) where the pigments deposited onto the drum (10) are transferred to a paper strip (20). The magnetized points designed to produce on the carrier images or parts thereof which must appear in one of said colors all have magnetization intensities of the same amplitude (J1) and in the same direction and a magnetic polarity which is opposite that of other magnetized points all having magnetization intensities of the same amplitude (J2), $J2 < J1$.

Abstract (fr)

1. L'invention concerne un procédé d'impression, ainsi qu'une machine, qui permet d'obtenir des images en deux 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 et d'inversion de courant (27) pour former sur le tambour (10) des points magnétisés ayant des aimantations de sens et d'amplitude différents, des dispositifs applicateurs de pigment (40, 42) 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 (20). 3. Application aux machines imprimantes magnétiques.

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G03G 19/00

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