

Title (en)

Printing method by a writing mechanism having either one print head with multiple arrays of side by side writing elements or a plurality of side by side print heads

Title (de)

Druckverfahren durch einen Schreibmechanismus mit entweder einem Druckkopf mit mehreren Gruppen von nebeneinander angeordneten Schreibelementen oder einer Vielzahl nebeneinander angeordneter Druckköpfe

Title (fr)

Procédé d'impression par un mécanisme d'écriture doté d'une tête d'impression avec plusieurs réseaux d'éléments d'écritures côte à côte ou d'une pluralité de têtes d'impression côte à côte

Publication

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Application

**EP 11425150 A 20110606**

Priority

IT RM20100306 A 20100605

Abstract (en)

[origin: EP2392462A1] A printing method by a writing mechanism having either one print head with multiple arrays of side by side writing elements or a plurality of side by side print heads is applied to a writing mechanism comprising a rotating drum (3) supporting a photosensitive plate, at least two engraving laser heads (1,2) movable parallel to the axis of rotation (x) of the rotating drum (3), an array of laser diodes (5) on each laser head (1,2) and displacing means for the laser heads (1,2) in order to move them by a distance equal to the product of the number of laser diodes and the writing resolution. The laser heads (1,2) are side by side. The distances between the laser diodes (5) and a first laser diode (5) are not congruent modulo n. Spots that are generated by laser diodes (5) column by column, one per each laser diode, interlace to form a complete image.

IPC 8 full level

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