

Title (en)

Optimisation method for operating an ink-jet printer and printer implementing the method.

Title (de)

Optimierungsverfahren für die Wirkungsweise eines Tintenstrahldruckers und Anwendung des Verfahrens für einen Drucker.

Title (fr)

Méthode d'optimisation du fonctionnement d'une imprimante à jet d'encre et imprimante utilisant une telle méthode.

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Application

EP 93401049 A 19930422

Priority

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Abstract (en)

The invention relates to a method for optimising the operation of an ink-jet printer equipped with a circuit for recovering the ink not used for printing, comprising a gutter (22) connected to a sealed reservoir (17) by means of a conduit (220) put under a vacuum by a volumetric pump (23), monitoring the ink flow in the conduit (220) by measuring the pressure (P) in the reservoir and commanding the operation of the pump either at its minimum suction rate compatible with the correct recovery of the ink or at its maximum suction rate in the event of recovery anomalies. It relates, furthermore, to an ink-jet printer making use of such a method. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] EP 0076914 A2 19830420 - IBM [US]
- [A] EP 0228828 A2 19870715 - DOMINO PRINTING SCIENCES PLC [GB]
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 197 (M-239)(1342) 27 Août 1983 & JP-A-58 96 561 (RICOH K.K.) 8 Juin 1983
- [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 124 (M-141)(1002) 9 Juillet 1982 & JP-A-57 51 473 (HITACHI SEISAKUSHO K.K.) 26 Mars 1982

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