

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

Publication

**EP 0568419 B1 19970122 (FR)**

Application

**EP 93401049 A 19930422**

Priority

FR 9205424 A 19920430

Abstract (en)

[origin: EP0568419A1] 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>

IPC 1-7

**B41J 2/18**

IPC 8 full level

**B41J 2/18** (2006.01)

CPC (source: EP US)

**B41J 2/18** (2013.01 - EP US)

Cited by

EP0805040A3; ES2399478A1; ES2307428A1; WO9962717A1

Designated contracting state (EPC)

DE ES GB IT NL SE

DOCDB simple family (publication)

**EP 0568419 A1 19931103; EP 0568419 B1 19970122**; CA 2095094 A1 19931031; DE 69307586 D1 19970306; DE 69307586 T2 19970807; ES 2099392 T3 19970516; FR 2690648 A1 19931105; FR 2690648 B1 19940708; US 5701149 A 19971223

DOCDB simple family (application)

**EP 93401049 A 19930422**; CA 2095094 A 19930428; DE 69307586 T 19930422; ES 93401049 T 19930422; FR 9205424 A 19920430; US 53885495 A 19951004