

Title (en)
Improved ink jet stimulation monitoring.

Title (de)
Überwachung der Tintenstrahlanregung.

Title (fr)
Contrôle amélioré de la stimulation de jet d'encre.

Publication
EP 0624468 A3 19950621 (EN)

Application
EP 94303090 A 19940428

Priority
US 6118493 A 19930512

Abstract (en)
[origin: EP0624468A2] An ink jet printing device has a drop generator for producing continuous streams of ink drops from at least one orifice and further has stimulation control electronics for maintaining desired stimulation conditions in response to a feedback from the drop generator. First and second feedback transducers measure the stimulation amplitude in the drop generator and generate feedback output signals in response to the stimulation. The feedback output signals are approximately equal in magnitude and opposite in sign to each other when the stimulation amplitude in the drop generator is a desired stimulation mode. An amplifier, whose inputs are the feedback output signals, provides an amplifier output signal to the stimulation control electronics which is the difference between the two feedback output signals. <IMAGE>

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B41J 2/025

IPC 8 full level
B41J 2/025 (2006.01)

CPC (source: EP)
B41J 2/025 (2013.01)

Citation (search report)

- [A] EP 0126536 A2 19841128 - EASTMAN KODAK CO [US]
- [DA] US 4473830 A 19840925 - PIATT MICHAEL J [US], et al
- [A] WO 9108900 A1 19910627 - EASTMAN KODAK CO [US]
- [A] US 4417256 A 19831122 - FILLMORE GARY L [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 65 (M - 66)<737> 30 April 1981 (1981-04-30)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0624468 A2 19941117; EP 0624468 A3 19950621; EP 0624468 B1 19971112; DE 69406712 D1 19971218; DE 69406712 T2 19980723

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