

Title (en)

INK FEEDING CIRCUIT FOR AN INK JET PRINTING HEAD

Publication

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Application

EP 84903715 A 19841011

Priority

FR 8316440 A 19831013

Abstract (en)

[origin: WO8501696A1] The ink feeding circuit for an ink jet printing head is particularly comprised of a first auxiliary circuit (R1) of which the function is to measure the ink pressure between the feeding line (20) and the ink supply line (18), and a second auxiliary circuit (R2) provided to clear out the ink drops (100) from the ejection orifice (41). This circuit may also comprise a third auxiliary circuit (R3) producing a signal representative of the ink viscosity. The measurement of the pressure and of the viscosity enables to servo control the main parameters governing the operation of the printers fitted with said ink feeding circuit. The invention may be applied to any ink jet printer.

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