

Title (en)

Ink jet printhead with an integral substrate heater driver

Title (de)

Tintenstrahldruckkopf mit einer integrierten Steuerschaltung des Substratheizelementes

Title (fr)

Tête d'impression à jet d'encre avec un circuit de commande de l'élément chauffant du substrat intégré

Publication

**EP 0890439 A2 19990113 (EN)**

Application

**EP 98112684 A 19980709**

Priority

US 89152297 A 19970711

Abstract (en)

The invention is directed to an ink jet printer including an electrical circuit providing an output signal. A printhead includes a substrate, a nozzle plate having a plurality of ink emitting orifices, a plurality of jetting heaters respectively associated with the plurality of ink emitting orifices, and at least one substrate heater associated with the substrate. A substrate heater driver is located on and integral with the printhead. The substrate heater driver includes at least one input and at least one energizable output. The at least one input is connected with the electrical circuit and receives a signal corresponding to the output signal from the electrical circuit. One of the energizable outputs is coupled with at least one of the substrate heaters. The substrate heater driver is configured to selectively actuate the at least one substrate heater, dependent upon the received signal. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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