Title (en)
METHOD TO ALIGN PRINT NOZZLES IN AN INK JET PRINTER HEAD OF AN INK JET PRINTER

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Application
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Abstract (en)
[origin: EP0257570A2] For aligning the print nozzles of an ink jet printer head (DK), a defined line pattern (SCI) is printed on the recording carrier (P) for each print nozzle (D1 to D32) during a bidirectional printer advance, and is then scanned by a sensor (AB) during a scanning run. The scanned values (AW) which represent the "actual" position of the ink droplets are compared in the central control unit (ZS) of the ink jet printer with the "nominal" position determined by the drive pulses in the print column pattern (DSR), and a so-called droplet offset (VS) is determined. The droplet offset (VS), that is to say the difference determined, is stored for each individual print nozzle (D1 to D32) separately for both directions of printing (L,R), and in normal printing operation, a correction in accordance with the offset (VS) stored in the memory (VPS) is made for each print nozzle (D1 to D32). <IMAGE>

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Citation (search report)
- [A] US 4328504 A 19820504 - WEBER HELMUT, et al
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 14, Nr. 11, April 1972, Seiten 3318-3319, New York, US; R.S. HEARD: "Ink jet raster height control"

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