

Title (en)

An ink jet printer equipped for aligning the printheads

Title (de)

Tintenstrahldrucker ausgerüstet zum Ausrichten von Druckköpfen

Title (fr)

Imprimante jet d'encre équipée pour aligner les têtes d'impression

Publication

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Application

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Priority

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Abstract (en)

An ink jet printer comprising pagewidth printheads (104) mounted in a frame (101) , wherein said printheads are coupled to mechanical means (106, 107) for aligning the printheads with respect to each other and/or an edge of the image receiving substrate (100). The printer preferably comprises further means (114, 115, 116,117, 118) for sensing the possible misalignment, coupled to a computer for automatically aligning the printheads.
<IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- US 5600350 A 19970204 - COBBS KEITH E [US], et al
- US 5448269 A 19950905 - BEAUCHAMP ROBERT W [US], et al
- US 5451990 A 19950919 - SORENSON PAUL R [US], et al
- US 5404020 A 19950404 - COBBS KEITH E [US]
- US 5350929 A 19940927 - MEYER WILLIAM D [US], et al
- US 5297017 A 19940322 - HASELBY ROBERT D [US], et al
- US 5250956 A 19931005 - HASELBY ROBERT D [US], et al
- US 5534895 A 19960709 - LINDENFELSER WILLIAM M [US], et al

Citation (search report)

- [X] US 6106094 A 20000822 - OTANI TAIZO [JP], et al
- [X] EP 0938973 A2 19990901 - TEKTRONIX INC [US]
- [X] EP 0571804 A2 19931201 - EASTMAN KODAK CO [US]
- [X] EP 0813971 A2 19971229 - SCITEX DIGITAL PRINTING INC [US]
- [X] EP 0539812 A2 19930505 - HEWLETT PACKARD CO [US]
- [X] US 6019466 A 20000201 - HERMANSON HERMAN A [US]
- [A] US 6189991 B1 20010220 - WEN XIN [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14 22 December 1999 (1999-12-22)

Cited by

EP2905137A4; CN102555483A; WO2005108094A1; KR20210070290A; EP3847024A4; US7665815B2; US7673969B2; US8231202B2; US8517508B2; US7413284B2; WO2020051057A1; US11679587B2; US11691419B2; US11738559B2; US11840083B2; US11919307B2

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