



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
11.08.1999 Bulletin 1999/32

(51) Int. Cl.⁶: **B41J 2/045**

(43) Date of publication A2:
23.09.1998 Bulletin 1998/39

(21) Application number: **97305778.9**

(22) Date of filing: **31.07.1997**

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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(30) Priority: **18.03.1997 JP 6511697**

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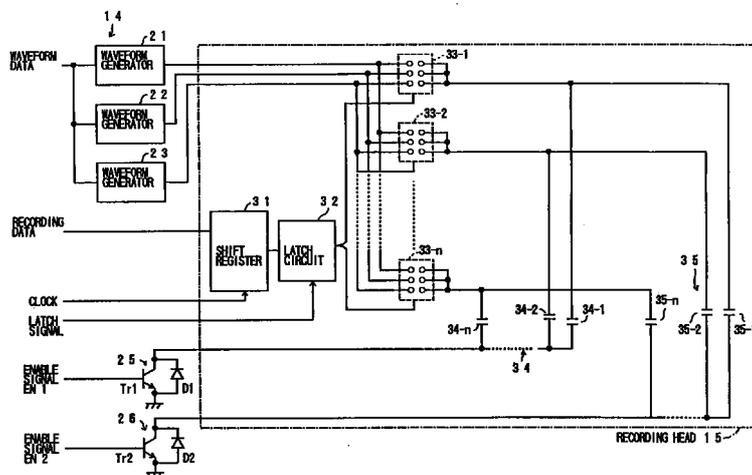
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(54) **Piezoelectric element driving circuit and ink jet recording apparatus**

(57) A piezoelectric element driving circuit drives a plurality of piezoelectric elements having common electrodes and independent electrodes which are driven independently. The piezoelectric element driving circuit includes a first switch circuit (25; 25-1 to 25-n) enabling each of a plurality of piezoelectric elements of a first piezoelectric element group (34) having the common electrodes coupled in common in response to a first enable signal, a second switch circuit (26) enabling each of a plurality of piezoelectric elements of a second piezoelectric element group (35) in response to a second enable signal, where the piezoelectric elements of the second piezoelectric element group are different from the piezoelectric elements of the first piezoelectric element group, and a driving circuit part (31, 32, 33-1 to 33-n) driving in common the independent electrodes of the corresponding piezoelectric elements of the first and second piezoelectric element groups based on recording data.

lectric element group (35) in response to a second enable signal, where the piezoelectric elements of the second piezoelectric element group are different from the piezoelectric elements of the first piezoelectric element group, and a driving circuit part (31, 32, 33-1 to 33-n) driving in common the independent electrodes of the corresponding piezoelectric elements of the first and second piezoelectric element groups based on recording data.

FIG. 4





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EUROPEAN SEARCH REPORT

Application Number
EP 97 30 5778

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Place of search THE HAGUE		Date of completion of the search 15 June 1999	Examiner Bardet, M
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EPO FORM 1503 03.82 (P04C01)



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**ANNEX TO THE EUROPEAN SEARCH REPORT
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