

Title (en)

Piezoelectric element driving circuit and ink jet recording apparatus

Title (de)

Antriebsschaltung für ein piezoelektrisches Element und Tintenstrahlaufzeichnungs Vorrichtung

Title (fr)

Circuit de commande pour élément piézoélectrique et appareil d'enregistrement à jet d'encre

Publication

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Application

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Priority

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Abstract (en)

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. <IMAGE>

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