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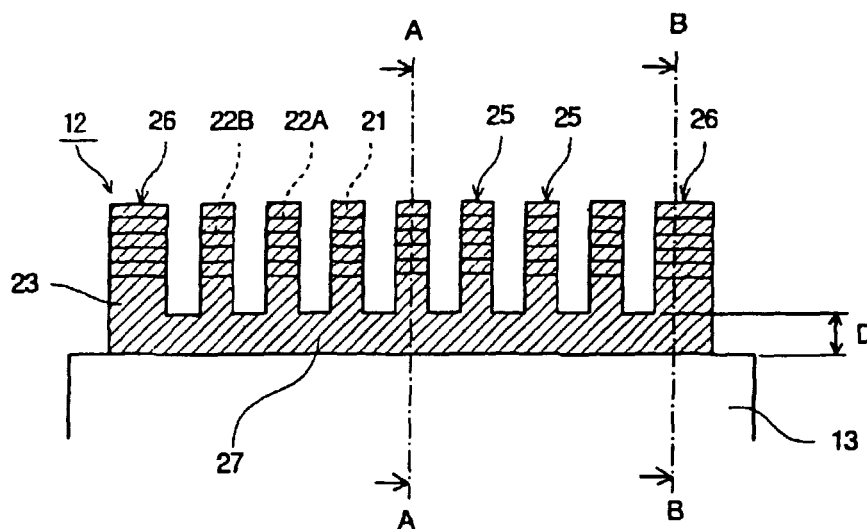
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QUALITY IMAGE RECORDING



(57) Abstract: ABSTRACT A layered piezoelectric element includes a plurality of driving parts divided by grooves and non-driving parts formed at both ends of the array of the driving parts. The driving parts and the non-driving parts include the alternate layers of piezoelectric layers and internal electrodes. The common electrode of the driving parts is extended from the non-driving parts. The capacitance C (F) of each driving part, the number of the driving parts n, and the resistance R () between the non-driving parts satisfy $R \geq 10^{-6}/n/C$.



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