

ABSTRACT

A vibrating device is provided in which resonant resistance can be reduced by increasing electrostatic capacitance without reducing k^2Q .

In the vibrating device 1, a number $2N$ (N is an integer equal to 2 or larger) of tuning fork arms 3 to 6 extending in a Y -direction are arranged side by side in an X -direction. Phases of flexural vibrations of the number N of tuning fork arms 3 and 4 positioned at one side of an imaginary line A , which passes a center of a region in the X -direction where the number $2N$ of tuning fork arms 3 to 6 are disposed, and which extends in the Y -direction, are symmetric to phases of flexural vibrations of the number N of tuning fork arms 6 and 5 positioned at the other side of the imaginary line.