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(54) CRYSTAL UNIT, SEMIMANUFACTURED CRYSTAL UNIT, AND METHOD FOR MANUFACTURING CRYSTAL UNIT

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(57)**ABSTRACT**

A crystal unit includes a crystal element, excitation electrodes, and a container. The crystal element vibrates in a thickness-shear mode. The excitation electrodes are disposed on front and back surfaces of the crystal element. The crystal element is mounted to the container. The excitation electrodes are disposed on the crystal element. When a thickness of the crystal element is expressed as T, and a total thickness of the excitation electrodes disposed on the front and back surfaces of the crystal element is expressed as t, a ratio t/T is from 0.026 to 0.030.

