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Abstract

Non-Uniform Ultrasonic Transducers for generating audio beams

5 New transducers 21, 31 are proposed, of the kind having an array of transducer cells 23, 33 for generating an ultrasonic beam, modulated with an audio frequency. The cells are arranged in a non-uniform array, for example including a region 27 in which they are relatively sparse and a region 25 in which they are relatively dense, for example tightly packed together.

[Fig. 5(a)]