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Abstract

Parametric Speaker and Parametric Speaker System

A parametric speaker includes a plurality of transducer elements 11 arranged to generate ultrasonic signals 23 which converge onto a reflective surface of a reflector 15. The reflective surface reflects the signals 23 to generate parallel reflected ultrasonic signals 25. The reflected ultrasonic signals have a spacing which is less than the spacing of the transducer elements 11. Thus, the minimum spacing of the signals is not limited by the size of the transducer elements 11.

10 [Fig. 4]