

ABSTRACT

TRANSDUCER AND METHOD FOR MOUNTING THE SAME

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A transducer is provided that comprises a horn having a longitudinal axis, a bonding tool attached to the horn, and an ultrasonic generator attached to the horn and spaced from the bonding tool along the longitudinal axis of the horn. A flexure is attached to the horn between the bonding tool and the ultrasonic

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generator for supporting the horn whereby to increase its dynamic rigidity in directions transverse to the longitudinal axis.

(FIG. 3A)