ABSTRACT

TRANSDUCER AND METHOD FOR MOUNTING THE SAME

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

(FIG. 3A)