

ABSTRACT

LIGHTWEIGHT BONDHEAD ASSEMBLY

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A bondhead assembly is provided that comprises a bond body for mounting a bonding tool, a support structure that is configured to be drivable for moving the bondhead assembly to different locations and flexural elements arranged substantially along at least one plane which couple the bond body to the support structure for flexibly supporting the bond body during movement with respect to the support structure. A motor is coupled to the support structure and it is operative to drive the bond body to move relative to the support structure along an axis extending substantially perpendicular to the at least one plane.

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15 (FIG. 2)