

ABSTRACT

DECOUPLED FLOATING BONDING STAGE

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A bonding stage for positioning a bond head at a target position has a stage body on which the bond head is mounted and a linear carriage which is physically decoupled from the stage body. The stage body is drivable to move together with the linear carriage by way of electromagnetic interaction between the linear carriage and the stage body when the bond head is being moved towards the target position by the linear carriage. The stage body is also drivable to move relative to the linear carriage to position the bond head at the target position by way of the electromagnetic interaction.

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(FIG. 1)