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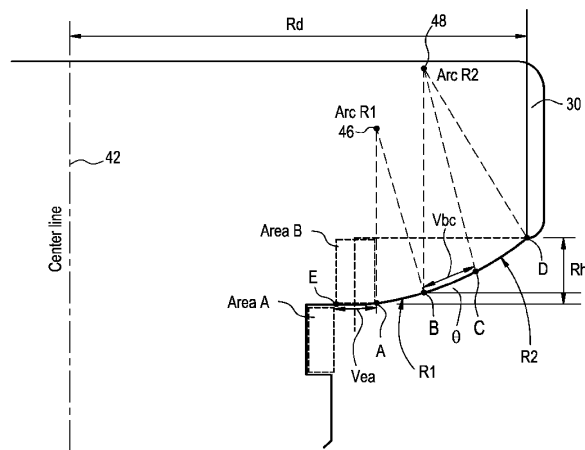
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(54) Title: CLINCH FASTENER

FIG. 11



(57) **Abstract:** A clinch fastener that includes a plurality of ribs disposed under a head of the clinch fastener, wherein the ribs are specifically configured to displace host material more evenly than conventional clinch fasteners. To that end, in cross section, along a line, arc, or combination, going from a central axis of the clinch fastener to an outer periphery of the head of the clinch fastener, each rib preferably provides a curved surface that is formed of multiple sections, wherein different radii define at least two of the sections. The configuration of the ribs allows for a vented escape of host material beyond the rib outside diameter and provides for radially focused material displacement, thereby releasing stress within the host material and reducing warping during clinching.

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