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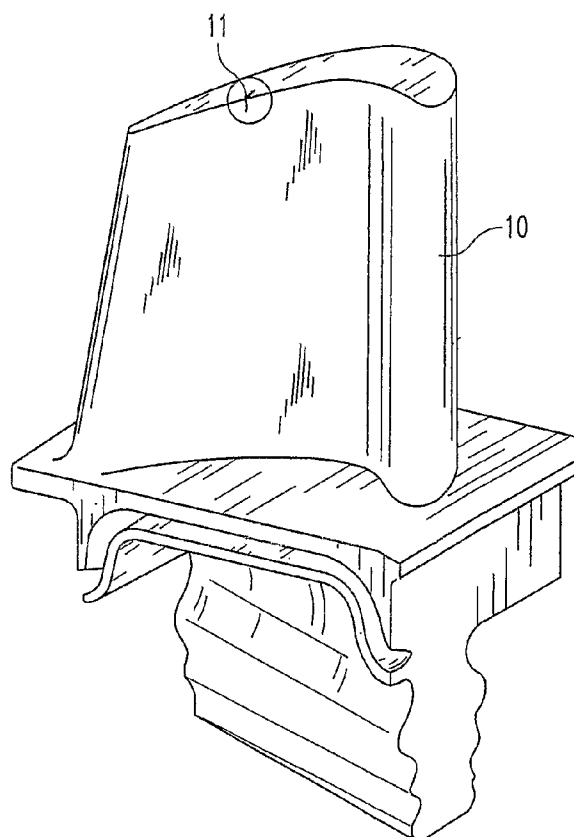
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(54) Title: METHOD OF WELDING A GAMMA-PRIME PRECIPITATE STRENGTHENED MATERIAL



(57) Abstract: A method for welding a gamma-prime precipitation strengthened alloy component. In one aspect the welding process includes preheating the alloy component to minimize the difference in contraction between the weld deposit and the substrate portion of the component during solidification and cooling. The component having a weld that is substantially free of solidification cracking.

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