

High Strength Welded Structures of Aluminum Alloys

Patent licensing available

- ❑ Indentation-free outer surfaces of welded parts
- ❑ Porosity and crack-free weld nuggets
- ❑ Weld process insensitive to surface cleaning prior to welding
- ❑ Ability to make defect-free welds in high-strength alloys commonly considered non-weldable
- ❑ Stable manufacturing process with long electrode life
- ❑ Ability to weld with dissimilar material fillers and dissimilar material mating parts
- ❑ Obtain nearly 50% higher structural strength than from other welding processes



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