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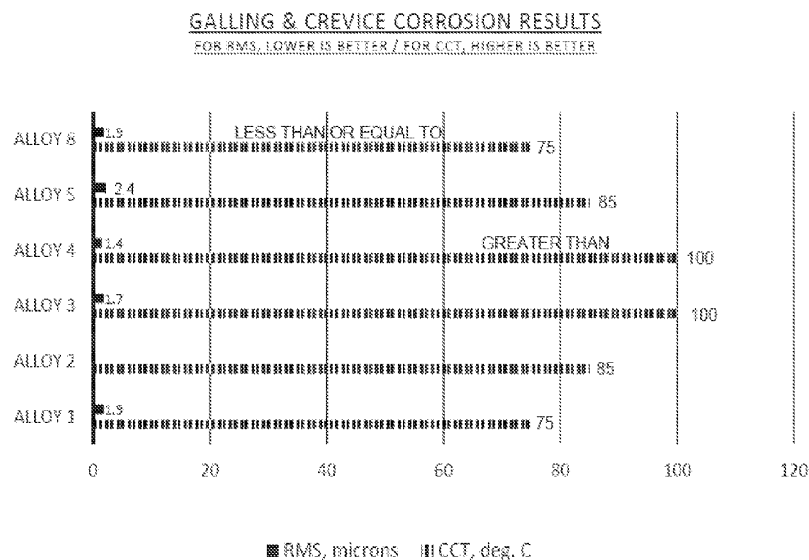
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(54) Title: WROUGHTABLE, CHROMIUM-BEARING, COBALT-BASED ALLOYS WITH IMPROVED RESISTANCE TO GAL-
LING AND CHLORIDE-INDUCED CREVICE ATTACK



(57) Abstract: A chromium-bearing, cobalt-based alloys amenable to wrought processing has improved resistance to both chloride-in-
duced crevice corrosion and galling. The alloy contains up to 3.545 wt.% nickel, 0.242 to 0.298 wt.% nitrogen, and may contain 22.0
to 30.0 wt.% chromium, 3.0 to 10.0 wt.% molybdenum, up to 5.0 wt.% tungsten, up to 7 wt.% iron, 0.5 to 2.0 wt.% manganese, 0.5 to
2.0 wt.% silicon, 0.02 to 0.11 wt.% carbon, 0.005 to 0.205 wt.% aluminum, and the balance is cobalt plus impurities.

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