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(54) **Title:** HIGH STRENGTH, CORROSION RESISTANT AUSTENITIC ALLOYS

(57) **Abstract:** An austenitic alloy may generally comprise, in weight percentages based on total alloy weight: up to 0.2 carbon; up to 20 manganese; 0.1 to 1.0 silicon; 14.0 to 28.0 chromium; 15.0 to 38.0 nickel; 2.0 to 9.0 molybdenum; 0.1 to 3.0 copper; 0.08 to 0.9 nitrogen; 0.1 to 5.0 tungsten; 0.5 to 5.0 cobalt; up to 1.0 titanium; up to 0.05 boron; up to 0.05 phosphorous; up to 0.05 sulfur; iron; and incidental impurities.

