



[54] **HIGH STRENGTH, CORROSION RESISTANT AUSTENITIC STAINLESS STEEL AND CONSOLIDATED ARTICLE**

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[57] **ABSTRACT**

A consolidated, fully dense, high yield strength, austenitic stainless steel and article produced therefrom having improved pitting resistance and a low sigma solvus temperature. The article is produced from nitrogen gas atomized prealloyed particles. The steel and article have a high nitrogen content for increased strength and corrosion resistance.