

OXIDATION AND FATIGUE RESISTANT METALLIC COATING

ABSTRACT OF THE DISCLOSURE

The present invention relates to a metallic coating to be deposited on gas turbine engine components. The metallic coating comprises up to 18 wt% cobalt, 3.0 to 18 wt% chromium, 5.0 to 15 wt% aluminum, 0.1 to 1.0 wt% yttrium, up to 0.6 wt% hafnium, up to 0.3 wt% silicon, 3.0 to 10 wt% tantalum, up to 9.0 wt% tungsten, 1.0 to 6.0 wt% rhenium, up to 10 wt% molybdenum, and the balance nickel.



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