

OXIDATION RESISTANT COATING WITH SUBSTRATE COMPATABILITY

ABSTRACT OF THE DISCLOSURE

An oxidation resistant coating has a composition which comprises from 11 to 14 wt% chromium, from 11 to 14 wt% cobalt, from 7.5 to 9.5 wt% aluminum, from 0.20 to 0.60 wt% yttrium, from 0.10 to 0.50 wt% hafnium, from 0.10 to 0.30 wt% silicon, from 0.10 to 0.20 wt% zirconium, and the balance nickel.

FIG. 1