



- 20 -

A PROCESS FOR PRODUCING CARBIDE PARTICLES
DISPERSED IN A MCrAlY-BASED COATING

Abstract

A thermal spray process for producing a MCrAlY-based coating wherein M is selected from the group consisting of iron, cobalt, nickel and mixtures thereof and wherein the carbon in the fuel of the thermal spray process converts between 30 to 80 percent by weight of the chromium component in the coating to chromium carbide.

CFO