Cost Effective Wear Resistant Ni-SiC composite coating

Ni-SiC composite coating deposited by electro deposition method, tested in an indigenous 55hp rotary (Wankel) engine of UAV

Thickness: >150 microns  
Microhardness: >400 VHN

Salient Features:
Coating can be deposited on any complex shape, cost effective method, flexibility in thickness and properties.

Potential Applications:
Wear resistant composite coatings for rotary and reciprocating engines in light weight aircrafts, UAVs, micro UAV, automobiles etc.

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