

Title (en)

AN AIR CURED COMPOSITE COATING AND METHOD FOR APPLYING SAME

Publication

**EP 0285722 B1 19920102 (EN)**

Application

**EP 87308177 A 19870916**

Priority

- GB 8719463 A 19870818
- US 3534687 A 19870407

Abstract (en)

[origin: EP0285722A2] An air cured composite coating for providing an abrasion resistant release surface to a substrate which comprises a metal matrix thermally sprayed onto a substrate and a film forming polymerized silicon impregnate applied to the metal matrix to seal its porosity. The composite coating is air cured in situ and exhibits a hardness of up to 72 Rc. The coating maintains thermal stability at continuous operating temperature of up to 400 degrees fahrenheit.

IPC 1-7

**C23C 4/18**; **C23C 28/00**

IPC 8 full level

**C23C 4/18** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP)

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CN1111139476A; US9521929B1; WO9962683A1; US6283744B1

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DOCDB simple family (publication)

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