

Title (en)

A THERMAL BARRIER COATING AND A METHOD OF APPLYING SUCH A COATING

Title (de)

WÄRMEDÄMMSCHICHT UND VERFAHREN ZUM AUFBRINGEN EINER DERARTIGEN SCHICHT

Title (fr)

REVETEMENT BARRIERE THERMIQUE ET SON PROCEDE D'APPLICATION

Publication

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Application

EP 03798629 A 20030917

Priority

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- SE 0202833 A 20020925
- US 31957302 P 20020925

Abstract (en)

[origin: WO2004029330A1] A ceramic thermal barrier coating, TBC, deposited and attached directly to a metallic substrate (2) itself or an intermediate bond coating (3) deposited on such a substrate (2). The TBC comprises at least two layers, wherein a first, inner TBC layer that is directly attached to the substrate (2) or bond coating (3) presents a different microstructure than a second, outer TBC layer.

IPC 1-7

C23C 30/00; **C23C 4/10**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2004029330A1

Citation (examination)

- GB 2059806 A 19810429 - GEN MOTORS CORP
- EP 0086938 A2 19830831 - METCO INC [US]
- US 2004197580 A1 20041007 - DORFMAN MITCHELL R [US], et al

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