

Title (en)
THERMAL BARRIER COATING SYSTEM

Publication
EP 0266299 B1 19920513 (EN)

Application
EP 87630212 A 19871026

Priority
US 92565486 A 19861030

Abstract (en)
[origin: EP0266299A2] A thermal barrier coating system for the protection of nickel and cobalt base superalloys at elevated temperature comprises 7% yttria partially stabilized zirconia plasma sprayed in air on a plasma sprayed NiCoCrAlY bond coat which has been plasma sprayed in air.

IPC 1-7
C23C 4/02; **C23C 4/06**; **C23C 4/08**; **C23C 4/10**

IPC 8 full level
C23C 4/00 (2006.01); **C23C 4/02** (2006.01); **C23C 4/06** (2006.01); **C23C 4/08** (2006.01); **C23C 4/10** (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP)
C23C 4/02 (2013.01); **C23C 4/073** (2016.01); **C23C 4/11** (2016.01); **F01D 5/288** (2013.01)

Cited by
CN113106374A; US5993980A; EP0526670A1; FR2716237A1; US5921751A; EP0825271A1; US6025078A; GB2252567A; GB2252567B; EP0816526A3; GB2226050A; FR2640688A1; GB2226050B; EP1889940A3; CN116751473A; US7316850B2; US10287899B2; US7875370B2; WO9205298A1; WO9522635A1; WO2006025865A3; WO9612049A1; WO9002825A1

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