

Title (en)  
PRE-OXIDATION OF ALLOY POWDER COATINGS

Publication  
**EP 0546756 A3 19931110 (EN)**

Application  
**EP 92310956 A 19921201**

Priority  
US 80598791 A 19911212

Abstract (en)  
[origin: EP0546756A2] Corrosion- and erosion-resistant coatings are thermal spray deposited onto metallic substrates, especially Co- and Ni-containing alloys, by thermal spray depositing metal particles partially pre-oxidized prior to application the metal substrate to be protected. Coatings rich in desired protective oxide and reduced non-protective, voluminous oxides result.

IPC 1-7  
**C23C 4/06**; **C23C 4/12**; **C23C 24/08**; **C23C 4/10**

IPC 8 full level  
**C23C 4/10** (2006.01); **C23C 4/06** (2006.01); **C23C 4/12** (2006.01); **C23C 24/08** (2006.01)

CPC (source: EP KR)  
**B22F 3/00** (2013.01 - KR); **C23C 4/06** (2013.01 - EP); **C23C 4/12** (2013.01 - EP); **C23C 24/08** (2013.01 - EP)

Citation (search report)  
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• [A] FR 2229785 A1 19741213 - ASAH I GLASS CO LTD [JP]  
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• [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 134 (C-701)(4077) 14 March 1990 & JP-A-20 08 359 ( KUBOTA LTD ) 11 January 1990

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**EP 92310956 A 19921201**; CN 92114372 A 19921212; JP 32832892 A 19921209; KR 920023935 A 19921211; NO 924796 A 19921211