

Title (en)
METHOD FOR COATING A COMPONENT

Title (de)
VERFAHREN ZUR BESCHICHTUNG EINES BAUTEILS

Title (fr)
PROCEDE DE REVETEMENT D'UN COMPOSANT

Publication
EP 1492899 A1 20050105 (DE)

Application
EP 03712073 A 20030321

Priority

- EP 03712073 A 20030321
- EP 0302977 W 20030321
- EP 02008044 A 20020410

Abstract (en)
[origin: EP1352988A1] Process for coating the surface of a component, especially a turbine blade, comprises applying a mask formed as a layer made from a ceramic powder and no binder on determined regions of the surface not to be coated, and coating the component. Preferred Features: The mask is formed from a suspension with a ceramic powder or a paste with a ceramic powder. The ceramic powder is partially made from zirconium oxide. An aluminum layer is applied on the component. The coating is applied by CVD.

IPC 1-7
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IPC 8 full level
C23C 4/00 (2006.01); **C23C 8/04** (2006.01); **C23C 10/04** (2006.01); **C23C 14/04** (2006.01); **C23C 16/04** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 03085162A1

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EP 1352988 A1 20031015; EP 1492899 A1 20050105; US 2005191421 A1 20050901; WO 03085162 A1 20031016

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EP 02008044 A 20020410; EP 0302977 W 20030321; EP 03712073 A 20030321; US 66726603 A 20030919