

Title (en)

Nickel-base superalloys especially useful as compatible protective environmental coatings for advanced superalloys.

Title (de)

Nickel-Basis-Superlegierungen, die insbesondere geeignet sind als kompatible Beschichtungen für moderne Superlegierungen.

Title (fr)

Superaliages à base de nickel spécialement utilisables comme revêtement compatible pour des superalliages modernes.

Publication

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Application

**EP 85400478 A 19850313**

Priority

EP 85400478 A 19850313

Abstract (en)

There is provided by the present invention an alloy which is mechanically and chemically compatible with advanced nickel-base superalloys and nickel-base eutectic superalloys and which possesses excellent resistance to high temperature oxidation. The alloy of the invention is, therefore, particularly useful as a protective environmental coating for the external surfaces of hot-stage aircraft gas turbine engine components, e.g., rotating blades and stationary vanes, made from such advanced superalloys.

IPC 1-7

**C23C 30/00**; **C23C 4/08**; **C22C 19/05**

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**C22C 19/05** (2006.01); **C23C 30/00** (2006.01)

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**C22C 19/056** (2013.01); **C23C 30/00** (2013.01)

Citation (search report)

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