

Title (en)

Heat insulating ceramic coating having a resistance to high temperatures and to thermal shocks.

Title (de)

Wärmedämmende, hochtemperatur- und thermoschockbeständige Beschichtung auf Keramikbasis.

Title (fr)

Revêtement céramique isolant thermique et résistant aux hautes températures ainsi qu'aux chocs thermiques.

Publication

EP 0075228 A2 19830330 (DE)

Application

EP 82108405 A 19820911

Priority

DE 3137731 A 19810923

Abstract (en)

[origin: US4471017A] A high-temperature and thermal-shock-resistant thermal insulating coating based upon flame- or plasma-sprayed ceramic materials. The coating consists of several layer sequences essentially of the same materials. Each layer sequence contains at least one ceramic and one cermet layer, and/or one ceramic and one metal layer, and/or one cermet and one metal layer.

Abstract (de)

Wärmedämmende, hochtemperatur- und thermoschockbeständige Beschichtung auf der Basis von flamm- oder plasmagespritzten keramischen Materialien, weisen mehrere Schichtfolgen im wesentlichen gleicher Materialien auf. In jeder Schichtfolge wird mindestens je eine Schicht aus Keramik und Cermet und/oder Keramik und Metall und/oder Cermet und Metall vorgesehen.

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IPC 8 full level

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Cited by

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