

Title (en)

Compound member and method for producing the same.

Title (de)

Verbundwerkstoff und Verfahren zu seiner Herstellung.

Title (fr)

Membre composite et son procédé de fabrication.

Publication

EP 0285313 A2 19881005 (EN)

Application

EP 88302533 A 19880323

Priority

JP 7675387 A 19870330

Abstract (en)

A compound member and a producing method thereof comprises a core (1) and a surface layer (2) formed by plasma spray deposition of powder material. At least one intermediate layer (3) is formed between the core and the surface layer. Difference in coefficient of linear thermal expansion between adjacent layers including the core and the surface layer is 3×10^{-6} / DEG C and below. The thickness of the intermediate layers (3) is 1.5 mm and over.

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C23C 4/02

IPC 8 full level

B21B 27/00 (2006.01); **B21B 27/02** (2006.01); **C23C 4/02** (2006.01)

CPC (source: EP)

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Cited by

US5952056A; EP2492373A1; RU2606285C2; US6048586A; EP0905280A3; WO9609421A3; WO9951790A1

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