

Title (en)  
COMPOUND MEMBER AND METHOD FOR PRODUCING THE SAME

Publication  
**EP 0285313 A3 19890816 (EN)**

Application  
**EP 88302533 A 19880323**

Priority  
JP 7675387 A 19870330

Abstract (en)  
[origin: EP0285313A2] 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  $3 \times 10^{-6}$  / DEG C and below. The thickness of the intermediate layers (3) is 1.5 mm and over.

IPC 1-7  
**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)  
**C23C 4/02** (2013.01)

Citation (search report)

- [A] EP 0075844 A2 19830406 - TOYOTA MOTOR CO LTD [JP]
- [A] WO 8606106 A1 19861023 - PLASMAINVENT AG [CH]
- [A] US 4159353 A 19790626 - ADELSBERG LEE M [US], et al
- [A] US 3976809 A 19760824 - DOWELL ROBERT D
- [A] FR 2375156 A1 19780721 - UNITED TECHNOLOGIES CORP [US]
- [A] US 4485151 A 19841127 - STECURA STEPHAN [US]
- [A] US 4576874 A 19860318 - SPENGLER CHARLES J [US], et al
- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 262 (C-371)[2318], 6th September 1986; & JP-A-61 087 859 (SHOWA DENKO K.K.) 06-05-1986

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

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0285313 A2 19881005; EP 0285313 A3 19890816; EP 0285313 B1 19930113**; DE 3877399 D1 19930225; DE 3877399 T2 19930506; JP S63242408 A 19881007

DOCDB simple family (application)  
**EP 88302533 A 19880323**; DE 3877399 T 19880323; JP 7675387 A 19870330