

Title (en)

PROCESS FOR APPLYING A DENSE LAYER OF CERMETS OR CEMENTED CARBIDES TO A METAL OBJECT

Publication

**EP 0005285 B1 19820317 (EN)**

Application

**EP 79200170 A 19790409**

Priority

NL 7804454 A 19780426

Abstract (en)

[origin: EP0005285A1] A process for applying a dense, hard and wear-resistant layer of cermets or ceramic material to a metal object which can have a complicated shape by the spraying on of a matrix material and hard particles of cermets or ceramic material, followed by consolidation of the sprayed-on layer by hot isostatic compaction of the combination at high temperature and pressure during at least  $<1>/2$  hour.

IPC 1-7

**C23C 7/00**

IPC 8 full level

**C23C 4/10** (2006.01); **B22F 3/12** (2006.01); **B22F 3/14** (2006.01); **B22F 7/04** (2006.01); **C23C 4/06** (2006.01); **C23C 4/18** (2006.01); **C23C 24/00** (2006.01); **C23C 24/08** (2006.01); **C23C 26/00** (2006.01)

CPC (source: EP)

**B22F 3/1208** (2013.01); **C23C 4/06** (2013.01); **C23C 4/18** (2013.01)

Cited by

DE3814362C1; EP0378376A1; US7043819B1; EP0030055A1; CN103143699A; EP0453303A1; EP0459637A1; US5593726A; WO9923272A1

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**EP 0005285 A1 19791114**; **EP 0005285 B1 19820317**; AU 4589179 A 19791129; AU 528527 B2 19830505; CA 1124586 A 19820601; DE 2962269 D1 19820415; JP S54142220 A 19791106; JP S636630 B2 19880210; MX 151789 A 19850318; NL 7804454 A 19791030; NO 153694 B 19860127; NO 153694 C 19860507; NO 791368 L 19791029; ZA 791582 B 19800430

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**EP 79200170 A 19790409**; AU 4589179 A 19790406; CA 326420 A 19790426; DE 2962269 T 19790409; JP 4982279 A 19790424; MX 17743379 A 19790425; NL 7804454 A 19780426; NO 791368 A 19790425; ZA 791582 A 19790403