

Title (en)

SURFACE-COATED HARD METAL BODY AND METHOD OF PRODUCING THE SAME

Publication

EP 0083842 B1 19890712 (EN)

Application

EP 82306473 A 19821206

Priority

- US 33136781 A 19811216
- US 33136881 A 19811216

Abstract (en)

[origin: EP0083842A1] Improved adherence of oxide wear layers on hard metal or cemented carbide substrates is obtained by providing a thin surface-oxidized bonding layer comprising a carbide or oxycarbide of at least one of tantalum, niobium or vanadium, optionally adding aluminum to the bonding layer, and finally providing an outer oxide wear layer.

IPC 1-7

B22F 7/04; C22C 29/00; C23C 16/30

IPC 8 full level

C23C 30/00 (2006.01)

CPC (source: EP)

C23C 30/005 (2013.01)

Cited by

EP0686707A1; US6071601A; EP0403461A1; EP0149449A1; AT385947B; EP0594875A1; US5372873A; US4642003A; AT387186B

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