

Title (en)

WEAR-RESISTANT COATED HARD-METAL BODY AND METHOD FOR THE PRODUCTION THEREOF

Publication

**EP 0200088 B1 19890125 (DE)**

Application

**EP 86105195 A 19860415**

Priority

DE 3515919 A 19850503

Abstract (en)

[origin: US4728579A] A wear resistant, coated, metal carbide body comprising a metal carbide basic body, a metallic intermediate layer and at least one metal-free hard substance layer; wherein the metallic intermediate layer comprises molybdenum and/or tungsten, has a thickness of 0.1 to 2  $\mu$ m and is applied to the metal carbide basic body by means of a physical vapor deposition process, preferably by direct cathode sputtering. During the application of the intermediate layer, the metal carbide basic body has a temperature from 200 DEG to 600 DEG C.

IPC 1-7

**B32B 15/04; C23C 14/34**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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