

Title (en)

HARD METAL OR CERAMET BODY AND METHOD FOR PRODUCING THE SAME

Title (de)

HARTMETALL- ODER CERMET-KÖRPER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

CORPS EN METAL DUR OU EN CERMET, ET SON PROCEDE DE PRODUCTION

Publication

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Application

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- DE 19922057 A 19990514

Abstract (en)

[origin: WO0003047A1] The invention relates to a hard metal or ceramet body with a hard material phase consisting of WC and/or at least one carbide, nitride, carbonitride and/or oxycarbonitride of at least one of the elements from group IVa, Va, or VIa of the periodic table and a binding metal phase consisting of Fe, Co and/or Ni, said binding metal phase making up 3 to 25 mass %. In particular, WC crystallites should protrude beyond the hard metal or ceramet surface of the body by 2 to 20 μm in order to improve the adhesion of surface layers that are applied.

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