

Title (en)

Method of making sintered carbonitride alloys.

Title (de)

Verfahren zur Herstellung von gesinterten Carbonitridlegierungen.

Title (fr)

Procédé pour la fabrication d'alliages à base de carbonitrure frittés.

Publication

EP 0518840 A1 19921216 (EN)

Application

EP 92850139 A 19920610

Priority

SE 9101799 A 19910612

Abstract (en)

According to the present invention there is now provided a method of manufacturing a sintered body of titanium based carbonitride alloy comprising hard constituents in 525 % binder phase where the hard constituents contain, in addition to Ti, one or more of the metals Zr, Hf, V, Nb, Ta, Cr, Mo or W and the binder phase is based on cobalt and/or nickel with powder metallurgical methods, i.e., milling, pressing and sintering. If the powder to be compacted has a mean agglomerate size of 40-80 μ m and a span of <1.5 less porosity and lower compaction pressure is obtained.

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C22C 1/05; C22C 29/04

IPC 8 full level

C22C 29/04 (2006.01)

CPC (source: EP)

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Citation (search report)

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