

Title (en)

A method for manufacturing a wear resistant component comprising mechanically interlocked cemented carbide bodies

Title (de)

Verfahren zur Herstellung einer verschleißbeständigen Komponente mit mechanisch gekoppelten zementierten Karbidkörpern

Title (fr)

Procédé de fabrication d'un composant résistant à l'usure comprenant un corps en carbure cémenté mécaniquement verrouillé

Publication

EP 2821166 B1 20160420 (EN)

Application

EP 13175106 A 20130704

Priority

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Abstract (en)

[origin: EP2821166A1] A method for manufacturing a wear resistant component (100) comprising the steps: - providing a metallic base material (1) and a wear resistant cemented carbide body (2) which comprises an anchoring portion (4), which is adopted to be retained mechanically by the metallic base material ; - arranging the wear resistant cemented carbide body (2) such that the anchoring portion (4) at least partially is enclosed by the metallic base material (1); - subjecting the metallic base material (1) and the least one wear resistant cemented carbide body (2) to HIP; wherein the method comprises the step of arranging a layer (5) comprising (Al₂O₃) or (hBN) between the anchoring portion (4) the metallic base material (1).

IPC 8 full level

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CPC (source: EP US)

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