

Title (en)  
METHOD FOR INCREASING COMPRESSION STRESS OR REDUCING INTERNAL TENSION STRESS OF A CVD, PCVD OR PVD LAYER AND CUTTING INSERT FOR MACHINING

Title (de)  
VERFAHREN ZUR ERHÖHUNG DER DRUCKSPANNUNG ODER ZUR ERNIEDRIGUNG DER ZUGEIGENSPANNUNG EINER SCHICHT

Title (fr)  
PROCEDE SERVANT A AUGMENTER LA RESISTANCE A LA COMPRESSION OU A LIMITER LA CONTRAINTE DE TRACTION INTERNE D'UNE COUCHE APPLIQUEE PAR CVD, PCVD OU PVD, ET PIECE COUPANTE D'USINAGE

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Abstract (en)  
[origin: WO02077312A2] The invention relates to a method for increasing internal pressure stress or for reducing the internal tension stress of an outer or outermost hard material layer that is applied on a hard metal, cermet or ceramic substrate body by means of CVD, PCVD or PVD. After coating, the coated substrate body is subjected to dry shot blasting using a granular shot blasting agent, which, according to the invention, has a maximum diameter of 150 µm.

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Cited by  
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