

Title (en)  
SINTERING METHOD

Title (de)  
SINTERVERFAHREN

Title (fr)  
PROCEDE DE FRITTAGE

Publication  
**EP 0912458 B1 20020306 (EN)**

Application  
**EP 97932066 A 19970623**

Priority  

- SE 9701111 W 19970623
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Abstract (en)  
[origin: WO9802394A1] The present invention relates to a method of sintering cemented carbide bodies including heating said bodies to the sintering temperature in a suitable atmosphere and cooling. If said cooling at least to below 1200 DEG C is performed in a hydrogen atmosphere of pressure 0.4-0.9 bar and >0.1 bar noble gas, preferably argon cemented carbide bodies with no surface layer of binder phase are obtained. This is an advantage when said bodies are to be coated with wear resistant layers by the use of CVD-, MTCVD- or PVD-technique.

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Citation (examination)  

- US 5453241 A 19950926 - AKERMAN JAN [SE], et al
- JP H02190403 A 19900726 - MITSUBISHI METAL CORP
- JP S60110838 A 19850617 - SUMITOMO ELECTRIC INDUSTRIES
- DATABASE WPI Week 199036, Derwent World Patents Index; Class L02, AN 1990-271173

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DOCDB simple family (publication)  
**WO 9802394 A1 19980122**; AT E214044 T1 20020315; DE 69710899 D1 20020411; DE 69710899 T2 20021128; EP 0912458 A1 19990506; EP 0912458 B1 20020306; JP 2000515110 A 20001114

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