

Title (en)

Method of making a fine grained cemented carbide

Title (de)

Verfahren zur Herstellung eines feinkörnigen Hartmetalles

Title (fr)

Procédé de fabrication de carbure cémenté à grains fins

Publication

EP 1500713 B1 20070815 (EN)

Application

EP 04014482 A 20040621

Priority

- SE 0302131 A 20030725
- SE 0302835 A 20031028

Abstract (en)

[origin: EP1500713A1] According to the present invention there is provided a method of making a finegrained tungsten carbide - cobalt cemented carbide comprising mixing, milling according to standard practice followed by sintering. By introducing nitrogen at a pressure of more than 0.5 atm into the sintering atmosphere after dewaxing but before pore closure a grain refinement including reduced grain size and less abnormal grains can be obtained. <IMAGE>

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

AT513422B1; US8455116B2; US8283058B2; US7976607B2; EP1935999A2; EP2287355A1; US7938878B2; US9005329B2; EP2011890A1

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