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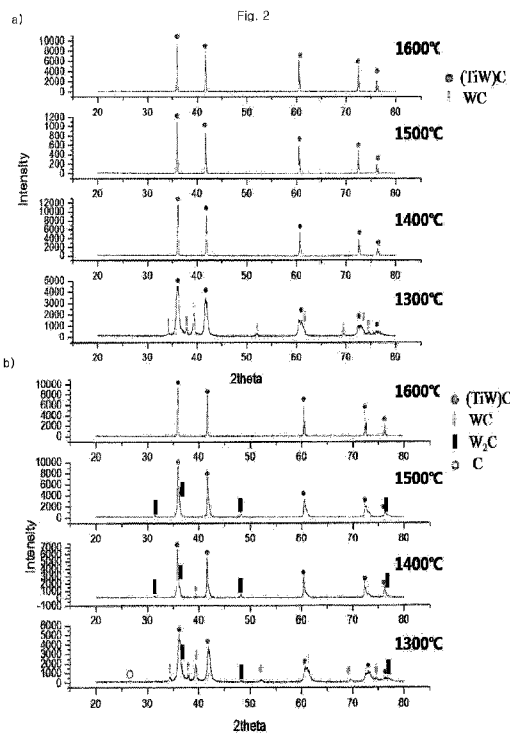
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[Continued on next page]

(54) Title: SOLID-SOLUTION CARBIDE/CARBONITRIDE POWDER AND METHOD FOR PREPARING THEREOF UNDER HIGH TEMPERATURE



(57) Abstract: The present invention relates to a complete solid solution powder used for preparing a cermet composite sintered body, and method for preparing thereof under high temperature. Particularly, the present invention is directed to a complete solid solution powder which can improve, to a great extent, toughness of a cermet sintered body which is used for high-speed cutting tool materials and die materials in the field of metal working, such as various machine industries and automobile industry, and method for preparing thereof under high temperature.



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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/KR2008/007698****A. CLASSIFICATION OF SUBJECT MATTER***C04B 35/46(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC8 C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-0755882 B1(Seoul National University Industry Foundation) 5 Sep. 2007 See Abstract, and Claim 1-3, 17, 18, 21-24, 29-34	1-19
A	KR 10-2006-0110431 A(Seoul National University Industry Foundation) 25 Oct. 2006 See Abstract, and Claim 1-11	1-19
A	KR 10-0528046 B1(Korea Institute of Science and Technology) 15. Nov. 2005 See Page 2-3, and Claim 1	1-19

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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