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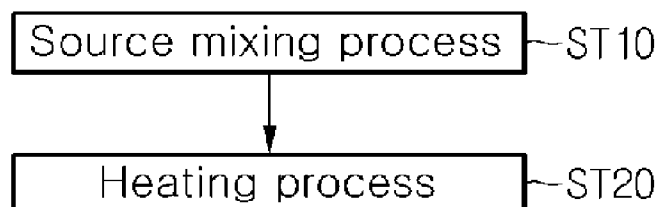
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(54) Title: SILICON CARBIDE AND METHOD FOR MANUFACTURING THE SAME

[Fig. 1]



(57) Abstract: Provided is a method for manufacturing silicon carbide. The method includes mixing a dry silicon source, a solid carbon source, and a binder with each other and heating the mixed source to form silicon carbide.



A. CLASSIFICATION OF SUBJECT MATTER*C01B 31/36(2006.01)i, C04B 35/565(2006.01)i, C04B 35/634(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)

C01B 31/36; C01B 31/30; B82Y 40/00; B82B 3/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: silicon carbide, silicon, carbon, binder, solvent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2010-0071863 A (LG INNOTEK CO., LTD.) 29 June 2010	1-7
Y	See the whole document	8-15
Y	KR 10-2009-0042539 A (SUN CERATECH CO., LTD.) 30 April 2009	8-15
A	See abstract, claims 1, 5, 7	1-7
A	US 05340417 A (ALAN W. WEIMER et al.) 23 August 1994	1-15
	See abstract, claims 1-4, 13	
A	JP 06-166510 A (TOKAI CARBON CO., LTD.) 14 June 1994	1-15
	See abstract, claims 1-2	



Further documents are listed in the continuation of Box C.



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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JP 06-166510 A	14.06.1994	None	