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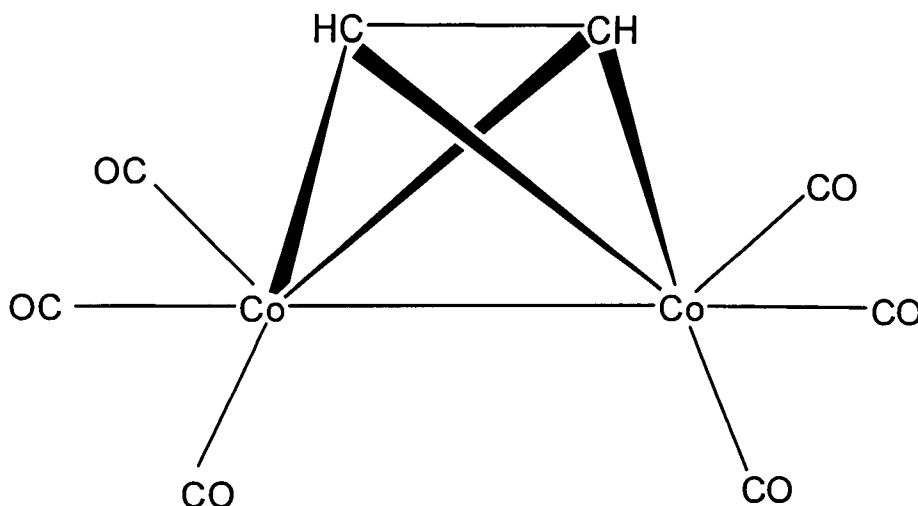
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(54) Title: METHOD FOR MAKING COBALT NANOMATERIALS



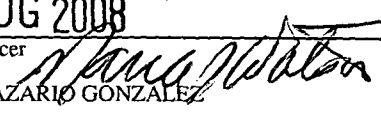
(57) Abstract: A method for generating metallic nanomaterials using acetylenic -bridged metal- carbonyl complexes as a precursor allows control of nanoparticle properties. The novel method produced metallic nanomaterials resistant to oxidation.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/78498

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>B22F 9/30( 2006.01);C22C 19/07( 2006.01)</b>  USPC: <b>75/362;420/435,440;977/777</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) U.S. : 75/362; 420/435, 440; 977/777  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) REGISTRY and CAPLUS		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,842,641 A (GONSALVES) 27 June 1989, see entire document.	1-8
A	US 5,064,464 A (SAWADA et al.) 12 November 1991, see entire document.	1-8
A	US 2006/0037434 A1 (BONNEMANN et al.) 23 February 2006, see entire document.	1-8
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer  PORFIRIO NAZARIO GONZALEZ Telephone No. 571-272-1600