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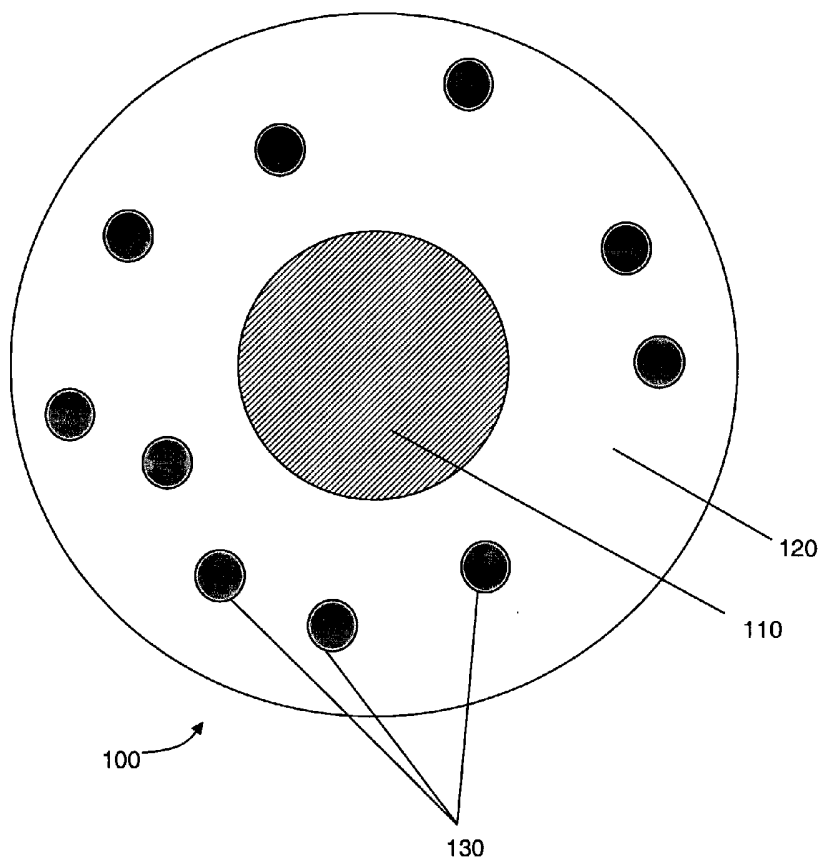
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(54) Title: MICROSPHERES INCLUDING NANOPARTICLES



(57) Abstract: A microparticle can include a central region and a peripheral region. The peripheral region can include a nanoparticle, such as a metal nanoparticle, a metal oxide nanoparticle, or a semiconductor nanocrystal. The microparticle can be a member of a monodisperse population of particles.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: B05D 7/00(2006.01);B32B 5/16(2006.01)

USPC: 427/215,216,217;428/403,570

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)

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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)
WEST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WANGET AL. , Composite Photonic Crystals from Semiconductor Nanocrystal/Polyelectrolyte-Coated Colloidal Spheres, Chem. Mater., 2003, 15, 2724; page 2724	1-79
A	US 5,751,018 A (ALIVISATO ET AL) 05 December 1998, entire document.	1-79
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