(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
1 June 2006 (01.06.2006)

PCT

(10) International Publication Number
WO 2006/057533 A1

(51) International Patent Classification:
B22F 1/00 (2006.01) *B22F 9/00* (2006.01)

(21) International Application Number:
PCT/KR2005/004009

(22) International Filing Date:
26 November 2005 (26.11.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/KR2004/003090
26 November 2004 (26.11.2004) KR

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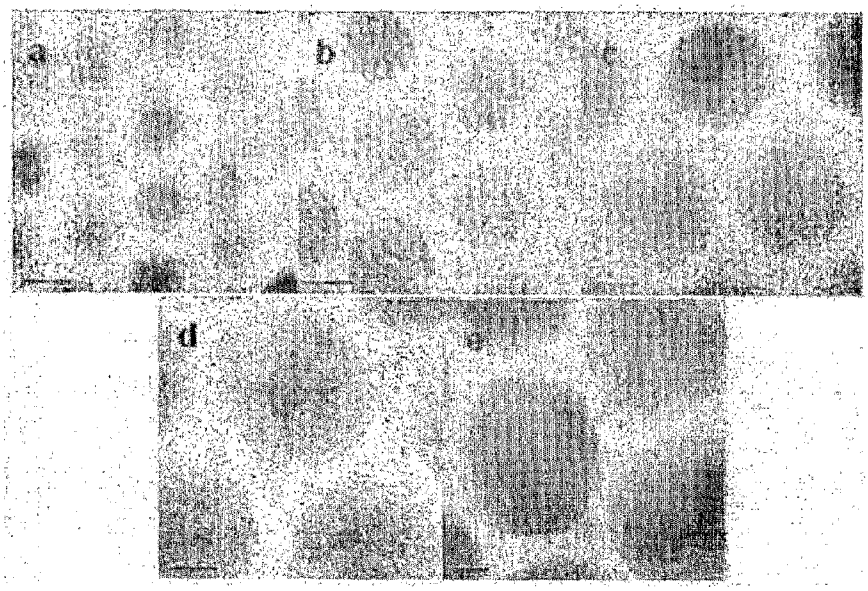
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

[Continued on next page]

(54) Title: NEW PROCESS FOR LARGE-SCALE PRODUCTION OF MONODISPERSE NANOPARTICLES



(57) Abstract: A process for making nanoparticles of metals, metal aloys, metal oxides and multi-metallic oxides, which comprises the steps of: a) reacting a metal salt dissolved in water with an alkali metal salt of C_{4-25} carboxylic acid dissolved in an first solvent selected from the group consisting of C_{5-10} aliphatic hydrocarbon and C_{6-10} aromatic hydrocarbon to form a metal carboxylate complex and b) heating said metal carboxylate complex dissolved in a second solvent selected from the group consisting of C_{6-25} aromatic, C_{6-25} ether, C_{6-25} aliphatic hydrocarbon and C_{6-25} amine to

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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