

Title (en)

SURFACE MEDIATED SELF-ASSEMBLY OF NANOPARTICLES

Title (de)

OBERFLÄCHENVERMITTELTE SELBSTANORDNUNG VON NANOPARTIKELN

Title (fr)

AUTO-ASSEMBLAGE DE NANOPARTICULES INDUIT PAR UNE SURFACE

Publication

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Application

EP 08799608 A 20080324

Priority

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- US 89647907 P 20070322

Abstract (en)

[origin: WO2008116225A2] Materials and methods for surface mediated self assembly of nanoparticles for the isolation of biomolecules is provided.

IPC 8 full level

B01D 15/00 (2006.01)

CPC (source: EP)

C12N 15/1013 (2013.01)

Citation (search report)

- [Y] US 2006269751 A1 20061130 - WINSTEAD J [US], et al
- [Y] WANG JOSEPH: "Nanoparticle-based electrochemical DNA detection.", ANALYTICA CHIMICA ACTA, vol. 500, no. 1-2, 19 December 2003 (2003-12-19), pages 247 - 257, XP002595867, ISSN: 0003-2670
- See references of WO 2008116225A2

Citation (examination)

- CHIANG C L ET AL: "Application of superparamagnetic nanoparticles in purification of plasmid DNA from bacterial cells", JOURNAL OF CHROMATOGRAPHY B: BIOMEDICAL SCIENCES & APPLICATIONS, ELSEVIER, AMSTERDAM, NL, vol. 822, no. 1-2, 5 August 2005 (2005-08-05), pages 54 - 60, XP004983011, ISSN: 1570-0232, DOI: 10.1016/J.JCHROMB.2005.05.017
- SONJA BERENSMEIER: "Magnetic particles for the separation and purification of nucleic acids", APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SPRINGER, BERLIN, DE, vol. 73, no. 3, 25 October 2006 (2006-10-25), pages 495 - 504, XP019458779, ISSN: 1432-0614, DOI: 10.1007/S00253-006-0675-0

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