

Title (en)

NANOSCALE PARTICLES USED AS CONTRASTING AGENTS IN MAGNETIC RESONANCE IMAGING

Title (de)

NANOSKALIGE PARTIKEL ALS KONTRASTMITTEL FÜR DIE KERNSPINTOMOGRAPHIE

Title (fr)

PARTICULES NANOMETRIQUES COMME AGENTS DE CONTRASTE POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE

Publication

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Application

**EP 06806318 A 20061017**

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Abstract (en)

[origin: WO2007054182A2] The invention relates to a nanoscale particles that are used as contrasting agents in magnetic resonance imaging. Said nanoscale particles are composed of a nucleus with an inert matrix, one or several covalently bonded organic complexing agents in which one or several metal ions with unpaired electrons are bonded, and one or several optional biomolecules that are covalently bonded on the surface of the nuclei. Also disclosed is a method for producing said nanoparticles.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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