

Title (en)
NANOPARTICLE COMPOSITION AND ASSOCIATED METHODS THEREOF

Title (de)
NANOTEILCHENZUSAMMENSETZUNG UND ZUGEHÖRIGE VERFAHREN

Title (fr)
COMPOSITION DE NANOPARTICULES ET PROCÉDÉS QUI LUI SONT ASSOCIÉS

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Abstract (en)
[origin: WO2012080290A1] A nanoparticle composition is provided, wherein the composition comprises a nanoparticulate metal oxide; and a phosphorylated polyol comprising at least two phosphate groups. The polyol comprises one or more hydrophilic groups selected from the group consisting of polyethylene ether moieties, polypropylene ether moieties, polybutylene ether moieties, and combinations of two or more of the foregoing hydrophilic moieties. A method of making the nanoparticle composition is also provided. The nanoparticle compositions provided by the present invention may be used as contrast agents in medical imaging techniques such as X-ray and magnetic resonance imaging.

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