United States Patent [19]

Jacobsen

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[54] **WATER-SOLUBLE, CARRIER-BOUND PARAMAGNETIC METAL CONTAINING DIAGNOSTIC AGENTS**

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[58] **Field of Search** 424/9; 436/173, 806; 128/653, 654; 534/15; 536/17.1, 51, 101, 112, 113, 121

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[57] **ABSTRACT**

There is disclosed a diagnostic agent containing a non-radioactive paramagnetic metal species which agent comprises a physiologically tolerable, water-soluble, hydroxyl group-containing macromolecular product to which is chemically bound said metal species, said product consisting essentially of at least one polymeric or polymerized carbohydrate or polymerized sugar alcohol or derivative thereof.

31 Claims, No Drawings