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(54) Title: PROCESS FOR THE MANUFACTURING OF A GADOLINIUM COMPLEX SOLUTION

(57) Abstract: The invention relates to a process for the manufacturing of a solution of a dimeric gadolinium complex, such as $[\mu\text{-}[1\text{-}[\text{bis}[2\text{-(hydroxy-}\kappa\text{O)}\text{-}3\text{-}[4,7,10\text{-tris(carboxy-}\kappa\text{O)methyl}]\text{-}1,4,7,10\text{-tetraazacyclododec-}1\text{-yl-}\kappa\text{N}^1, \kappa\text{N}^4, \kappa\text{N}^7, \kappa\text{N}^{10}] \text{propyl}] \text{amino}]\text{-}1\text{-deoxy-D-glucitolate(6-)}]] \text{digadolinium complex}$, which is useful in the field of diagnostic imaging and of contrast agents in Magnetic Resonance Imaging (MRI), comprising the steps of precipitating a portion of free gadolinium metal ions by means of a precipitating agent. The invention further relates to a process for isolating the dimeric gadolinium complex from said solution, and to the solution and the isolated dimeric gadolinium complex obtainable by such processes.

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