

Title (en)

ALKOXYAMIDE DERIVATIZED CHELATES FOR MRI.

Title (de)

CHELATE VON ALKOXYAMIDDERIVATEN FÜR DIE BILDERZEUGUNG MIT MAGNETISCHER RESONANZ.

Title (fr)

CHELATES DERIVES DE L'ALCOXYAMIDE POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE.

Publication

EP 0660925 A4 19940202 (EN)

Application

EP 92902010 A 19911112

Priority

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- US 61645990 A 19901121

Abstract (en)

[origin: WO9209884A1] Novel magnetic resonance imaging agents comprise complexes of paramagnetic ions with hydrazide derivatives of polyaminocarboxylic acid chelating agents. These novel imaging agents are characterized by excellent NMR image-contrasting properties and by high solubilities in physiological solutions. A novel method of performing an NMR diagnostic procedure involves administering to a warm-blooded animal an effective amount of a complex as described above and then exposing the warm-blooded animal to an NMR imaging procedure, thereby imaging at least a portion of the body of the warm-blooded animal.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- J. CHEM. SOC. PERKIN TRANS. 2 August 1990, pages 1425 - 1432 R. KATAKY ET AL. 'SYNTHESIS AND BINDING PROPERTIES OF AMIDE-FUNCTIONALISED POLYAZA MACROCYCLES' *
- See references of WO 9209884A1

Designated contracting state (EPC)

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