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(71) Applicant: **TECHNISCHE UNIVERSITÄT MÜNCHEN** [DE/DE]; Arcisstr. 21, 80333 München (DE).

(72) Inventors: **PARZINGER, Mara**; Frauenstrasse 3, 88212 Ravensburg (DE). **WENDLINGER, Lennard**; Hinteres Gleißental 17A, 82041 Oberhaching (DE). **WESTER, Hans-Jürgen**; Am Hang 7, 85301 Schweitenkirchen (DE).

(74) Agent: **VOSSIUS & PARTNER PATENTANWÄLTE RECHTSANWÄLTE MBB**; Siebertstrasse 3, 81675 München (DE).

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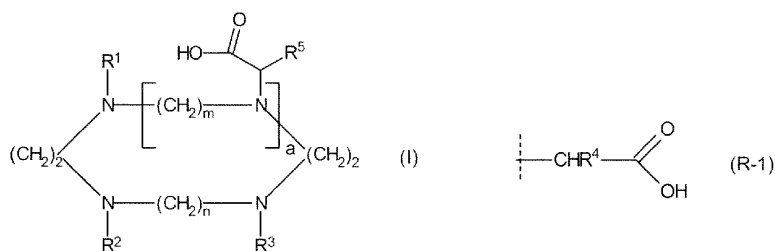
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(54) Title: LIGAND COMPOUNDS COMPRISING A CHELATING GROUP AS A BRIDGING GROUP



(57) Abstract: Provided is a compound selected from (a) a compound of formula (I) wherein a is 0 or 1; m is 2 or 3; n is 2 or 3; one group selected from R¹, R² and R³ is a group comprising an effector moiety R^B; another group selected from R¹, R² and R³ is a group comprising a silicon-based fluoride acceptor (SiFA) moiety R^S; and the remaining group selected from R¹, R² and R³ is a group of the formula (R-1) wherein R⁴ is selected from -H, -OH and C1-C3 alkyl; and wherein the dashed line marks a bond which attaches the group to the remainder of the compound; R⁵ is selected from -H, -OH and C1-C3 alkyl; (b) a salt thereof, and (c) a chelate compound formed from a compound of formula (I) or its salt, and a radioactive or non-radioactive cation. The compounds of the invention are suitable for therapeutic and diagnostic purposes such as radionuclide therapy or nuclear diagnostic imaging.



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