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(54) **CONTRAST AGENTS FOR APPLICATIONS INCLUDING PERFUSION IMAGING**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention is directed, in part, to compounds and methods for imaging the central nervous system or cancer, comprising administering to a subject a contrast agent which comprises a compound that binds MC-I, and an imaging moiety, and scanning the subject using diagnostic imaging.

15 Claims, 4 Drawing Sheets