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(54) **MATERIALS AND METHODS FOR TREATMENT OF NEUROLOGICAL DISORDERS INVOLVING OVERACTIVATION OF GLUTAMATERGIC IONOTROPIC RECEPTORS**

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(58) **Field of Search** 514/561, 567, 514/419

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(57) **ABSTRACT**

The subject invention pertains to methods for treatment of neurological conditions related to, or which can be affected by, modulation of glutamate receptor (GluR) activity. The treatment can be either prophylactic in nature or to alleviate symptoms of such neurological conditions as ischemia, stroke, spinal cord injury and traumatic brain injury.

26 Claims, 5 Drawing Sheets