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(54) **LOW DOSE LIPOIC ACID PHARMACEUTICAL COMPOSITIONS AND METHODS**

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| ***A61K 9/00*** | (2006.01) |
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CPC ..... ***A61K 31/385*** (2013.01); ***A61K 9/0048*** (2013.01); ***A61K 31/19*** (2013.01); ***A61K 31/20*** (2013.01)

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

Compositions containing low doses of lipoic acid-based active agents and methods for using the same are provided. In particular, compositions containing low dose lipoic acid, lipoic acid derivatives, said lipoic acid seleno-derivatives and are provided to prevent and/or treat ocular diseases.

**12 Claims, 5 Drawing Sheets**