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(54) **CHOLINE ESTERS**

(75) Inventors: **William Garner**, Eastport, ME (US); **Margaret Garner**, Eastport, ME (US); **George Minno**, Windham, NH (US); **David Gooden**, Durham, NC (US)

(73) Assignee: **Encore Health LLC**, Roanoke, VA (US)

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See application file for complete search history.

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Primary Examiner — Ileana Popa
Assistant Examiner — Genevieve S Alley
(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend and Stockton LLP

(57) **ABSTRACT**

Compounds, formulations, and methods are provided containing the choline ester of a reducing agent, especially lipoic acid or derivatives thereof. The compounds may be administered via a topical ocular route to treat or prevent oxidative damage.

26 Claims, 5 Drawing Sheets