

(12) **United States Patent**
Acheampong et al.(10) **Patent No.:** **US 9,248,191 B2**
(45) **Date of Patent:** ***Feb. 2, 2016**(54) **METHODS OF PROVIDING THERAPEUTIC EFFECTS USING CYCLOSPORIN COMPONENTS**(71) Applicant: **Allergan, Inc.**, Irvine, CA (US)(72) Inventors: **Andrew Acheampong**, Irvine, CA (US); **Diane D. Tang-Liu**, Las Vegas, NV (US); **James N. Chang**, Newport Beach, CA (US); **David F. Power**, San Clemente, CA (US)(73) Assignee: **Allergan, Inc.**, Irvine, CA (US)

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A61K 47/32 (2006.01)(52) **U.S. Cl.**CPC **A61K 47/02** (2013.01); **A61K 9/0048** (2013.01); **A61K 9/107** (2013.01); **A61K 38/13** (2013.01); **A61K 47/10** (2013.01); **A61K 47/22** (2013.01); **A61K 47/32** (2013.01); **A61K 47/44** (2013.01)(58) **Field of Classification Search**None
See application file for complete search history.(56) **References Cited**

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Primary Examiner — Marcela M Cordero Garcia(74) *Attorney, Agent, or Firm* — Laura L. Wine; Joel B. German; Debra D. Condino(57) **ABSTRACT**

Methods of treating an eye of a human or animal include administering to an eye of a human or animal a composition in the form of an emulsion including water, a hydrophobic component and a cyclosporin component in a therapeutically effective amount of less than 0.1% by weight of the composition. The weight ratio of the cyclosporin component to the hydrophobic component is less than 0.8.

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