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(71) Applicant: **ALBEMARLE CORPORATION** [US/US];
4250 Congress Street, Suite 900, Charlotte, NC 28209-4615
(US).

(72) Inventors: **GE, Zhongxin**; 2185 Hillridge Avenue, Ba-
ton Rouge, LA 70810 (US). **WU, Tse-Chong**; 17613 Ea-
glewood Drive, Baton Rouge, LA 70810 (US). **WELZ,**
Sascha, Joerg; 6820 Esplanade Avenue, Baton Rouge, LA
70806 (US). **BENNETT, Mark, Timothy**; 6011 Nature
Trail Drive, Baton Rouge, LA 70817 (US).

(74) Agent: **KELECKLEY, Troy, S.** et al.; Albemarle Cor-
poration, 4250 Congress Street, Suite 900, Charlotte, NC
28209-4615 (US).

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(54) Title: FLAME RETARDANTS FOR LITHIUM BATTERIES

(57) Abstract: This invention provides nonaqueous electrolyte solutions for lithium batteries which contain one or more brominated flame retardants. The nonaqueous electrolyte solutions comprise i) a liquid electrolyte medium; ii) a lithium-containing salt; and iii) at least one brominated flame retardant. The brominated flame retardant is present in the electrolyte solution in a flame retardant amount, has a boiling point of about 60°C or higher, and has a bromine content of about 55 wt% or more based on the weight of the brominated flame retardant.

