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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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- *with amended claims*

(54) Title: FLUORINATED COMPOUNDS FOR USE IN LITHIUM BATTERY ELECTROLYTES

(57) Abstract: Provide are fluorinated cyclic and acyclic carbonate solvent compositions such as various fluorine substituted 1,3-dioxolane-2-one compounds and fluorine substituted 1,3-dioxane-2-one compounds, which are useful as electrolyte solvents for lithium ion batteries.



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