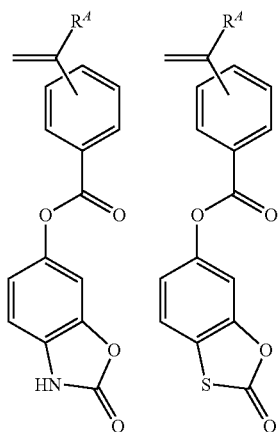
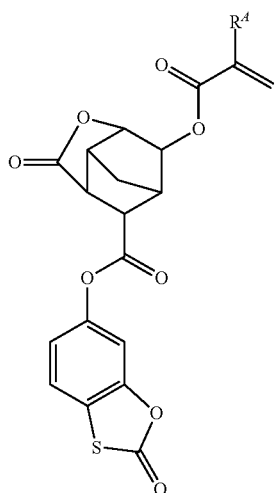
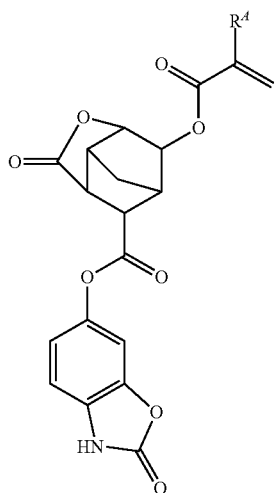
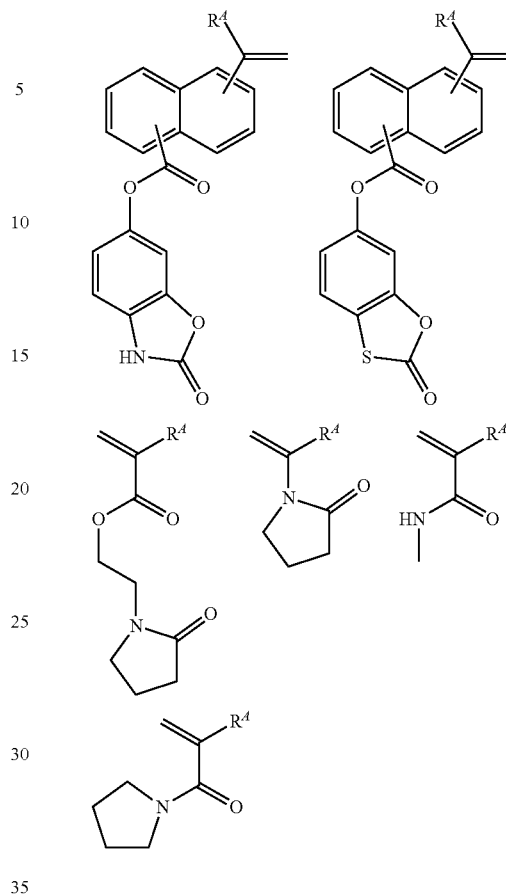


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**52**

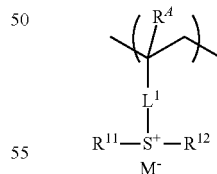
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Of the recurring units (c), units having a hydroxyl group or lactone ring are preferred, and units having a phenolic hydroxyl group or lactone ring are more preferred.

In a more preferred embodiment, the polymer may further comprise recurring units of at least one type selected from recurring units represented by the following formulae (d1) to (d3), which are also referred to as recurring units (d1) to (d3).

(d1)



(d2)

