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(54) Title: ADDUCTS OF LEVULINIC DERIVATIVES WITH EPOXIDIZED FATTY ACID ESTERS AND USES THEREOF

(57) Abstract: The present disclosure relates to methods of preparation of compounds resulting from the reaction of levulinic esters and epoxidized unsaturated fatty acid esters. The compounds are useful as renewable biomass-based plasticizers for a variety of polymers. Mono-, di- and tri-ketal adducts formed in a reaction between alkyl esters of levulinate and epoxidized unsaturated fatty acid esters derived from vegetable oils are also disclosed.



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