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(54) **TAILORABLE LIGNOSULFONATE CARBONATE ADHESIVES**

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C08L 97/00	(2006.01)
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CPC .. ***C08H 6/00*** (2013.01); ***C07G 1/00*** (2013.01); ***C08L 97/00*** (2013.01); ***C09J 197/005*** (2013.01); *Y02P 20/582* (2015.11)

(58) **Field of Classification Search**

CPC C08H 6/00

See application file for complete search history.

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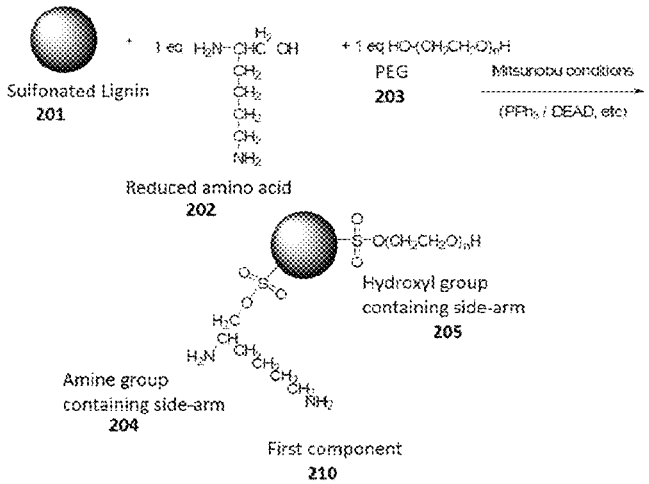
(57) **ABSTRACT**

A two component adhesive system is described. The first component of the system is made from a sulfonated lignin having at least one amine group containing side arm and at least one hydroxyl group containing side arm. The second component of the system is made from a sulfonated lignin having at least one chloroformate group containing side arm.

7 Claims, 3 Drawing Sheets