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(54) Title: METHODS OF PRODUCING COMPOSITIONS COMPRISING HYDROPHILIC SOPHOROLIPIDS

**Functionalization of Hydrophobic
SLP Fraction**

Note: volumes and layers are not drawn to actual scale.

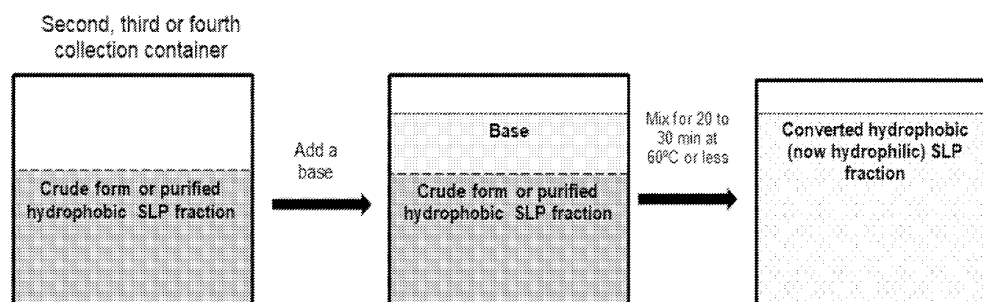


FIG. 5

(57) Abstract: The subject invention provides materials and methods for producing high-HLB sophorolipid-based compositions and/or for increasing the water solubility of sophorolipid compositions. More specifically, the subject invention provides for the production and post-fermentation alteration of SLP molecules, which can be used for formulating a variety of useful compositions.

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