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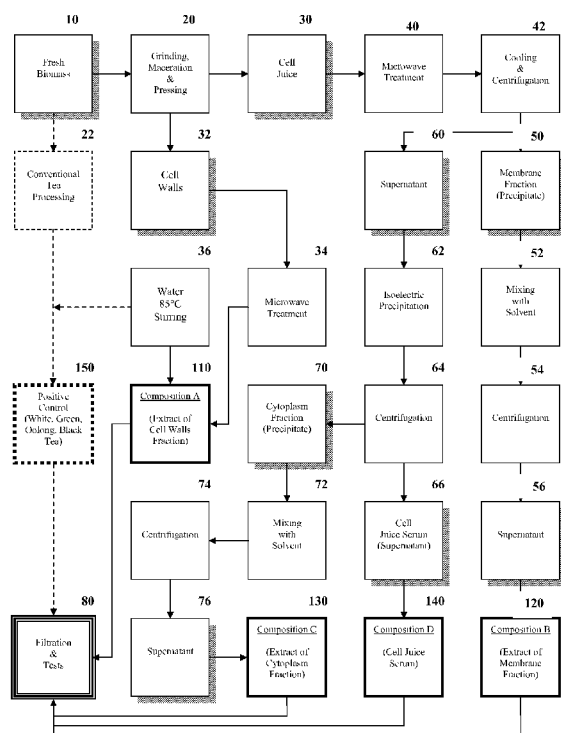
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**(54) Title:** BIOACTIVE COMPOSITIONS FROM *THEACEA* PLANTS AND USE THEREOF IN BEVERAGES, FUNCTIONAL FOODS, NUTRICEUTICALS, SUPPLEMENTS AND THE LIKE



**Fig. 1**

**(57) Abstract:** The present invention relates to isolated bioactive compositions containing bioactive fractions derived from Theacea plants. The present invention also relates to bioactive topical formulations containing the bioactive compositions. The present invention further relates to methods of using the bioactive compositions of the present invention, including, for example, methods for inhibiting inflammatory activity in skin tissue of a mammal, for protecting skin tissue of a mammal from ultraviolet light-induced damage, and for normalizing skin disorders in skin tissue of a mammal. The present invention also relates to methods for isolating bioactive fractions derived from cell juice or a cell walls component of a Theacea plant. The bioactive compositions are suitable for use in, inter alia, beverages, functional foods, nutraceuticals, supplements, and the like.



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