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(54) Title: METHOD AND SYSTEM FOR OPTIMIZING A BLENDING FORMULATION OF AN EDIBLE OIL SAMPLE, AND AN EDIBLE OIL SAMPLE PREDICTED THEREFROM

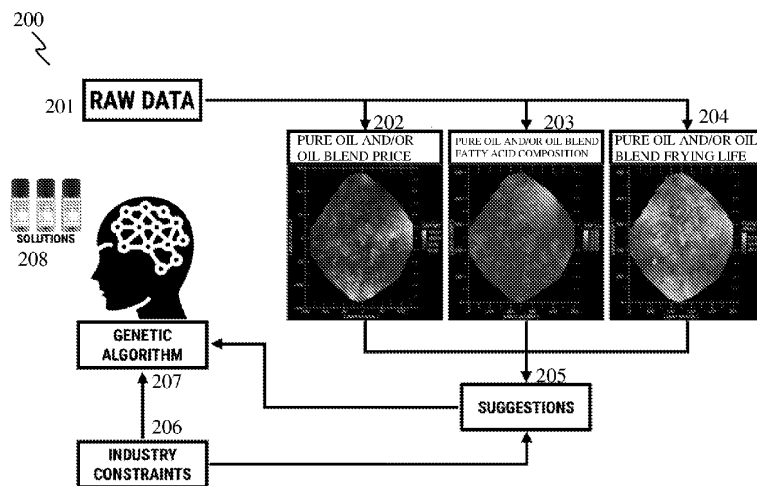


FIG. 2A

(57) Abstract: According to embodiments of the present invention, a method for optimizing a blending formulation of an edible oil sample is provided. The method includes receiving a dataset of values representing at least one type of index obtained from a plurality of pure oils and/or oil blends; and generating a prediction of the optimized blending formulation from the received dataset of values. The step of generating the prediction of the optimized blending formulation includes using a predictive model configured to generate a plurality of blending formulations based on the received dataset of values, evaluate at least one index value of each blending formulation and compare the evaluated at least one index value with at least one predefined threshold value to determine the optimized blending formulation. According to further embodiments, a system for optimizing a blending formulation is also provided.

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