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- (54) **Title:** FRAGRANCE AND FLAVOUR GENERATION

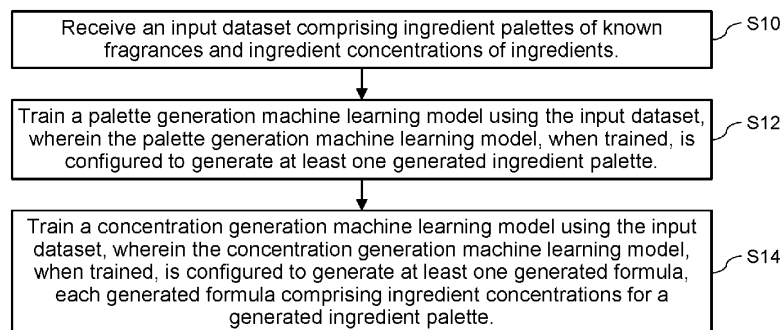


Figure 1

- (57) **Abstract:** A computer-implemented method of training a system for generating a formula of ingredients for a fragrance, the method comprising: receiving an input dataset comprising ingredient palettes of known fragrances and/or flavours and ingredient concentrations; training a palette generation machine learning model using the input dataset, wherein the palette generation machine learning model, when trained, is configured to generate at least one generated ingredient palette; and training a concentration generation machine learning model using the input dataset, wherein the concentration generation machine learning model, when trained, is configured to generate at least one generated formula, each generated formula comprising ingredient concentrations for a generated ingredient palette.

