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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(54) Title: COMPOSITIONS FOR THE MODULATION OF TASTE



Fig. 3A

(57) Abstract: Described herein are compositions and methods that modulate or enhance the taste perceptions of a subject. Aspects of the present disclosure relate to compositions and methods of use comprising a flavonolignan, a steroid saponin, an iridoid glycoside, amentoflavone, a polyisoprenylated benzophenone, a phenylpropanoid, a pheylethanol deriviate, a glycoside and/or analogs thereof (for example, a glycosylation molecule of an aglycone, an aglycone of a glycosylated molecule, or a further glycosylated molecule of a glycosylated molecule) obtained from a plant extract such as a *Silybum marianum* (milk thistle) extract, an *Asparagus racemosus* extract, a *Smilax china* extract, a *Rehmannia glutinosa* root extract, a *Selaginella tamariscina* extract, a *Garcinia indica* extract, a *Garcinia cambogia* extract, a *Trigonella foenum graecum* L. extract, a *Rhodiola rosea* root or rhizome extract and/or other plant sources which are used for enhancing a subject's taste perception of sweetness, mouthfeel, astringency, bitterness, alcohol, carbonation, spice,

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salt, sourness, umami, tingling, numbing or cooling, harshness, pungency, burning, freshness, ripeness, juiciness, for increasing the amount of carbonation bubbles or decreasing the carbonation bubble size of a carbonated beverage, or for masking off-tastes