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(54) ***CANNABIS* PLANT NAMED 'RASPBERRY PUNCH'**

(50) Latin Name: ***Cannabis* hybrid**
Varietal Denomination: **RASPBERRY PUNCH**

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USPC **Plt./258**
CPC ***A01H 6/28*** (2018.05); ***A61K 36/185*** (2013.01)

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention provides a new and distinct *cannabis* cultivar designated as 'RASPBERRY PUNCH'. Disclosed herein are main terpenes of 'RASPBERRY PUNCH,' which are limonene, myrcene, beta-caryophyllene, linalool, alpha-humulene, alpha-bisabolol, and beta-pinene. Also, the present invention provides the estimated concentration of the THC_{max}, CBD_{max}, and CBG_{max}, about 4.94-8.64%, about 12.04-17.74%, and about 0.59-1.01%, respectively, at the time of assaying metabolites from flower samples of 'RASPBERRY PUNCH'.

8 Drawing Sheets

Latin name of genus and species: *Cannabis* hybrid.
Variety denomination: 'RASPBERRY PUNCH'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct *cannabis* cultivar designated as 'RASPBERRY PUNCH' (aka 'RASPBERRY PUNCH/GREEN PUNCH').

This new cultivar is the result of controlled-crosses between proprietary cultivars made by the inventors. The new cultivar of 'RASPBERRY PUNCH' was asexually reproduced via a stem 'cutting' and 'cloning' method by the inventors at Salinas, Calif. Asexual clones from the original source have been tested in greenhouses, nurseries, and/or fields. The properties of each cultivar were found to be transmissible by such asexual reproduction. The cultivar is stable and reproduces true to type in successive generations of asexual reproduction.

TAXONOMY AND NOMENCLATURE

Cannabis, more commonly known as marijuana, is a genus of flowering plants that includes at least three species, *Cannabis sativa, Cannabis indica*, and *Cannabis ruderalis* as determined by plant phenotypes and secondary metabolite profiles. In practice however, *cannabis* nomenclature is often used incorrectly or interchangeably. *Cannabis* literature can be found referring to all *cannabis* varieties as "*sativas*" or all cannabinoid producing plants as "*indicas*". Indeed the promiscuous crosses of indoor *cannabis* breeding programs have made it difficult to distinguish varieties, with most *cannabis* being sold in the United States having features of both *sativa* and *indica* species.

Human cultivation history of *Cannabis* dates back 8000 years (Schultes, R E., 1970, Random thoughts and queries on the botany of *Cannabis*. Pages 11-38 in: CRB Joyce, and