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(54) Title: A METHOD FOR PREPARING BIOACTIVE BOTANICAL COMPOSITIONS AND THE COMPOSITIONS MADE FROM SAID METHOD

(57) Abstract: The present invention relates to a process for the preparation of botanical fractions from fresh plant biomass and to compositions made from said fractions. The process comprises grinding and pressing fresh plant biomass in order to obtain a plant cell juice fraction containing membrane fractions, and treating said cell juice fraction with an electromagnetic field at a frequency effective to separate said membrane fraction from said cell juice fraction in order to yield a cell cytoplasm/cytosole fraction substantially-free from membrane fractions. The aforementioned treatment is advantageously performed such that the temperature of said cell juice during said treatment does not exceed 40°C.