

Title (en)
METHOD FOR EXTRACTING THE NATURAL JUICE OF LIGNEOUS PLANT MATERIAL, DEVICE FOR CARRYING OUT SAID METHOD AND USE OF SAID METHOD IN THE PRODUCTION OF DRIED LIGNEOUS PLANT MATERIAL

Title (de)
VERFAHREN ZUR EXTRAKTION VON NATÜRLICHEM SAFT AUS PFLANZLICHEN, HOLZARTIGEN MATERIALIEN, VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCEDE D'EXTRACTION DE JUS NATUREL DE MATIERES VEGETALES LIGNEUSES, DISPOSITIF PERMETTANT LA MISE EN OEUVRE DU PROCEDE ET UTILISATION DU PROCEDE POUR LA PRODUCTION DE VEGETAUX LIGNEUX SECHES, OU DE JUS

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Abstract (en)
[origin: US6581299B1] The invention relates to a method for extracting the natural juice of ligneous plant material, a device for carrying out said method and the use of said method in the production of dried ligneous plant material. The method for extracting the natural juice of ligneous plant material comprises the following: a pressurization step in which a sealed enclosure containing the plant material is pressurized, whereby the pressure thereof is greater than that of the atmosphere; a stage in which saturating water vapor is created or injected; a stage in which the plant material is heated to the core by means of electromagnetic waves; a step in which the liquid exudates from said plant material are gravitationally recovered.

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