

Title (en)

METHOD FOR PREPARING AN EXTRACT OF HEVEA LATEX AND COMPOSITION THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES EXTRAKTS AUS HEVEA LATEX UND ZUSAMMENSETZUNG DARAUS

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN EXTRAIT DE LATEX D'HÉVÉA

Publication

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Application

EP 16915342 A 20160902

Priority

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Abstract (en)

[origin: WO2018044242A1] The present disclosure provides for the method of preparing, from serum of calendered acidified Hevea latex, an extract that is rich in low-molecular weight carbohydrates and having anti-cancer activity. The method comprises the steps of: obtaining the serum released when acidified Hevea latex is calendered; optionally removing debris and micro-organisms from the serum; removing proteins; removing quebrachitol and small polar molecules; optionally dissolving the remaining solid powder in water; further removing proteins by treatment with acid; optionally neutralizing the excess acid; precipitating with solvent; collecting the precipitate; and optionally freeze drying the precipitate. The disclosure also provides for the method of treating cancer growth and/or metastasis and the method of inhibiting tumor cell proliferation in a patient. Furthermore, there are provided a pharmaceutical composition and a functional food composition comprising the disclosed extract of Hevea latex.

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