

Title (en)

PROCESS FOR PREPARING STORABLE CONCENTRATION PRODUCTS FROM RAW JUICE EXTRACTS AND/OR THEIR FERMENTATION RESIDUES

Publication

EP 0048241 A3 19821110 (DE)

Application

EP 81890147 A 19810901

Priority

AT 460380 A 19800912

Abstract (en)

[origin: EP0048241A2] The process relates to the preparation of storable concentration products from raw juice extracts and/or their fermentation residues. To maintain its essential ingredients, calcium ions and/or other cations forming sparingly soluble oxalates are added to this sugar-containing starting material before concentration in an amount corresponding to the stoichiometric proportion of oxalic acid in the starting material, as a result of which the oxalic acid is precipitated as oxalate, after which the material thus treated is concentrated without film formation. The intended source of calcium ions is in particular calcium hydroxide, calcium oxide and calcium chloride. Crystallisation seeds in particular comprising ground calcium oxide, can additionally be added to the starting material.

IPC 1-7

C13F 1/00; **C13D 3/00**

IPC 8 full level

C13B 20/00 (2011.01); **C13B 25/00** (2011.01)

CPC (source: EP)

C13B 20/00 (2013.01); **C13B 30/00** (2013.01)

Citation (search report)

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- [A] US 3314818 A 19670418 - JACK SWARTHOUT EARL
- [A] MITT. NAHRUNG, Band 18, Nr. 439, 1974, Seiten 267-270, Berlin, DE.
- [A] CHEMICAL ABSTRACTS, Band 92, Nr. 8, Februar 1980, Seite 112, Nr. 60773p, Columbus, Ohio, USA

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

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