

Title (en)

Process to stop the growth of thermophilic microorganism in an aqueous sugar containing medium.

Title (de)

Verfahren zur Hemmung thermophiler Mikroorganismen in Gegenwart zuckerhaltiger wässriger Medien.

Title (fr)

Procédé pour déloquer la croissance des microorganismes thermophiles, en milieux aqueux sucrés.

Publication

EP 0681029 A2 19951108 (DE)

Application

EP 95890071 A 19950406

Priority

AT 95194 A 19940506

Abstract (en)

Thermophilic microorganisms are inhibited in sugar contg. aq. medium (A) by treating with a hop-derived additive (B) at 50-80 degrees C. (B) is any suitable hop product, partic. a dissolved or emulsified hop extract, but may also be a solid, e.g. dried or pelleted hops, or brewery waste, e.g. yeast contg. hop residues or spent hops. Pref. sugar beet or cane are thermally extracted in presence of (B) which may be added in liq. dissolved or emulsified form to the hot extract soln. Alternatively the plant material to be extracted is treated with a solid (B). Addn. of (B) may be continuous or periodic.

Abstract (de)

Zur Hemmung thermophiler Mikroorganismen in zuckerhaltigen wässrigen Medien wird vorgeschlagen, auf dieselben ein Zusatzmittel auf Hopfenbasis bei Temperaturen zwischen 50°C und 80°C einwirken zu lassen. Besonders geeignet ist dieses Verfahren zur Konservierung von thermisch gewonnenen Extrakten aus Zuckerrüben und Zuckerrohr.

IPC 1-7

C13D 1/00

IPC 8 full level

A23L 3/3472 (2006.01); **A23L 2/44** (2006.01); **C13B 10/00** (2011.01); **C13B 20/00** (2011.01)

CPC (source: EP)

C13B 10/006 (2013.01)

Citation (applicant)

- US 4170638 A 19791009 - OWADES JOSEPH L [US]
- CHEMICAL ABSTRACTS, Columbus, Ohio, US; abstract no. 254404D
- CHEMICAL ABSTRACTS, Columbus, Ohio, US; abstract no. 17104J

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