

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 B1 19970730 (DE)

Application

EP 95890071 A 19950406

Priority

AT 95194 A 19940506

Abstract (en)

[origin: EP0681029A2] 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.

IPC 1-7

C13D 1/00

IPC 8 full level

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CPC (source: EP)

C13B 10/006 (2013.01)

Cited by

DE102007014057A1; EP1837409A1; EP0916738A3; EP0944742A4; DE102007001319B4; DE102007001319A1; GB2330076A; GB2330076B; DE19846432B4; US11229211B2; US8414934B2; US6770147B2; US7811610B2; EP2777395A1; WO2004081236A1; WO0056938A1; WO0188205A1; US7575640B2; US7815944B2; US6893857B1; US7790205B2; US7794757B2; US7820206B2; US7919125B2; US6251461B1; US6623775B2; US8012516B2; US8815306B2; US9084432B2; US9545110B2; US7553504B2; US7361374B2; US7910140B2; US8158160B2

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