

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 A3 19960306 (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

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 (search report)

- [A] CHEMICAL ABSTRACTS, vol. 87, no. 16, 17 October 1977, Columbus, Ohio, US; abstract no. 119606p, D.MATTEUZZI ET AL.: "Inhibition of the microbial activity in extraction juices of beet sugar factories by some antiseptic substances" page 109; column 1; & C.R.ASSEM.GEN.COMM.INT.TECH.SUCR.,15TH, pages 117 - 123
- [A] DATABASE WPI Section Ch Week 9419, Derwent World Patents Index; Class D13, AN 94-155902 (19)
- [A] DATABASE WPI Section Ch Week 8550, Derwent World Patents Index; Class D16, AN 85-315-308
- [A] S.BUDAVARI ET AL.: "The Merck Index, 11th edition", MERCK, RAHWAY, N.J.

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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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AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

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