

Title (en)

Purification method for raw beet juice

Title (de)

Reinigungsverfahren für rohen Zuckerrübensaft

Title (fr)

Procédé de purification de jus brut de betterave à sucre

Publication

EP 1046718 A1 20001025 (EN)

Application

EP 00107320 A 20000404

Priority

IT GE990043 A 19990421

Abstract (en)

Purification of sugar beet juice which can exploit the traditional process, without increasing the use of lime, without increasing the environmental effects due to sludge, with reduced carbon dioxide emissions : A purification method for the raw juice obtained by diffusion from sugar beets, comprises sequential stages of pre-defecation and defecation with calcium oxide, carbonation, filtration, a second carbonation, and additional filtration. Before pre-defecation, a great fraction of the raw juice obtained is taken out, pre-filtered, then passed to a membrane filtration stage. The permeate obtained is mixed to the clear juice of the first carbonation, and the mixture routed to the second filtration. Purification method for raw juice obtained by diffusion from sugar beets, comprising the stages of pre-defecation and defecation with CaO, first carbonation, filtration, second carbonation and additional filtration; before said pre-defecation stage a great fraction of raw juice obtained by diffusion is taken out, subjected to a pre-filtration stage and subsequently to a stage of membrane filtration, the obtained permeate being mixed to the clear juice of first carbonation and said mixture being prepared for the second carbonation. <IMAGE>

IPC 1-7

C13D 3/06; **C13D 3/16**

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C13B 20/06 (2011.01); **C13B 20/16** (2011.01)

CPC (source: EP)

C13B 20/06 (2013.01); **C13B 20/165** (2013.01)

Citation (search report)

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