

Title (en)

Process for mechanically drying extracted sugar beet slices

Title (de)

Verfahren zur mechanischen Entwässerung extrahierter Zuckerrübenschnitzel

Title (fr)

Procédé de séchage mécanique de cossettes de betterave sucrière après extraction

Publication

EP 0776982 A2 19970604 (DE)

Application

EP 96116539 A 19961016

Priority

DE 19545803 A 19951208

Abstract (en)

In a mechanical process to remove water from pressed sugar beet cake, the novelty is that: (a) a suspension of salt or salts containing multivalent ions is introduced directly into the pressed cake; (b) the suspension is introduced in the middle section of the pressing process, after most of the water has been expelled; (d) the suspension is introduced in the middle of the cake layer; (e) when using a spindle press (1), the suspension is introduced at a number of points (12) delivered by a dosing pump (11); (f) the multivalent salt used is a 20 -60% suspension in dry matter of calcium sulphate; (g) the suspension is made by mixing chalk milk and sulphuric acid in a stoichiometric ratio, or by mixing dry plaster in a quantity of pressed water or fresh water; (h) the salt is added at a rate of 2 meq/100 g beet.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur mechanischen Entwässerung extrahierter Zuckerrübenschnitzel. Zur Erhöhung des Trockensubstanzgehaltes in den Preßschnitzeln wird erfindungsgemäß vorgeschlagen, daß im Preßbereich eine Suspension aus Salz oder Salzen mehrwertiger Ionen unmittelbar in die Schnitzel-Preßschicht eingeführt wird.

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