

Title (en)

PROCESS FOR THE MANUFACTURE OF CRYSTALLIZED LACTOSE AND APPARATUS FOR CARRYING OUT THIS METHOD

Publication

EP 0052541 B1 19850213 (FR)

Application

EP 81401637 A 19811019

Priority

FR 8023958 A 19801110

Abstract (en)

[origin: US4404038A] To increase the percentage of crystallized lactose obtained from lactoserum substantially without noticeably increasing investment costs or energy consumption, the first phase of crystallization is effectuated in a continuous crystallization stage wherein seeds of crystallization are added to the lactoserum to initiate crystallization, the lactoserum is concentrated, the concentrated lactoserum is brought to a supersaturated state and maintained at this stage by evaporation to obtain a mixture of mother liquor and lactose crystals, which is subjected to two centrifugal drying stages to obtain a first portion of large lactose crystals and a second portion of such crystals grown by cooling.

IPC 1-7

C13K 5/00

IPC 8 full level

C13K 5/00 (2006.01)

CPC (source: EP US)

C13K 5/00 (2013.01 - EP US)

Cited by

EP0311977A3; EP2757162A1; EP2767596A1; US9540703B2; US9365905B2; US9079932B2; EP2756206B2

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EP 81401637 A 19811019; DE 3168938 T 19811019; FR 8023958 A 19801110; US 31990981 A 19811110