

Title (en)

PROCESS AND APPARATUS FOR CONTINUOUSLY PRODUCING SUGAR CRYSTALS FROM SUGAR JUICES

Publication

**EP 0128078 B1 19860507 (FR)**

Application

**EP 84401051 A 19840522**

Priority

FR 8308687 A 19830526

Abstract (en)

[origin: EP0128078A1] 1. Process for continuously producing sugar crystals from sugar juices by evaporation under vacuum, consisting in introducing a seeding magma into the first of a series of cells connected to each other and in circulating this magma successively through all the cells where it is heated to cause the evaporation of part of the juice, characterized by the fact that a portion of the juice to be processed is concentrated to bring it to oversaturation, that crystals approximately 10  $\mu$  m is size are added to the oversaturated juice, that this mixture of concentrated juice and crystals is circulated in a closed vessel the dimensions of which are selected so that the time of residence of the mixture in the said vessel lies between 3 and 15 minutes, that this mixture is introduced as seeding magma into the first cell and that the concentration of the juice is maintained in a condition of stable oversaturation by adding undersaturated juice into the first cell.

IPC 1-7

**C13F 1/02**

IPC 8 full level

**C13B 30/02** (2011.01)

CPC (source: EP)

**C13B 30/022** (2013.01)

Cited by

FR2597115A1; EP0473956A1; EP0453375A1; FR2661192A1

Designated contracting state (EPC)

AT BE DE GB IT NL

DOCDB simple family (publication)

**EP 0128078 A1 19841212; EP 0128078 B1 19860507**; AT E19655 T1 19860515; AU 2855084 A 19841129; DE 3460126 D1 19860612; DK 258384 A 19841127; DK 258384 D0 19840525; ES 532669 A0 19850501; ES 8504259 A1 19850501; FR 2546529 A1 19841130; FR 2546529 B1 19850719; IN 160417 B 19870711; JP S6075300 A 19850427; MA 20125 A1 19841231; ZA 844005 B 19850130

DOCDB simple family (application)

**EP 84401051 A 19840522**; AT 84401051 T 19840522; AU 2855084 A 19840524; DE 3460126 T 19840522; DK 258384 A 19840525; ES 532669 A 19840521; FR 8308687 A 19830526; IN 436MA1984 A 19840614; JP 10483884 A 19840525; MA 20347 A 19840525; ZA 844005 A 19840525