

Title (en)

Carbonation process in a sugar factory.

Title (de)

Carbonatationsverfahren in einer Zuckerfabrik.

Title (fr)

Procédé de carbonatation dans une usine de sucre.

Publication

**EP 0021364 A1 19810107 (DE)**

Application

**EP 80103455 A 19800620**

Priority

DE 2925283 A 19790622

Abstract (en)

[origin: US4424078A] Lime-treated juice in a sugar plant is carbonated in a first stage and a second stage with a carbon dioxide-containing gas to remove lime and impurities therefrom. Exhaust gas from the second stage is recycled to the first stage. Heat can be recovered from exhaust gas from the first stage and from the second stage.

Abstract (de)

Zur Verbesserung der Arbeitsweise der Carbonationen (Saturationen) bei der Saftverarbeitung in einer Zuckerfabrik wird, um den Bedarf an Kalkofengas (Carbonatationsgas) zu verringern und den Wärmehaushalt bei der Saftreinigung entscheidend zu verbessern vorgeschlagen, das Abgas der zweiten Carbonatation in die erste Carbonatation zurückzuführen.

IPC 1-7

**C13D 3/06**

IPC 8 full level

**C13B 20/06** (2011.01)

CPC (source: EP US)

**C13B 20/06** (2013.01 - EP US)

Citation (search report)

- FR 605833 A 19260602
- US 4149901 A 19790417 - MORALES ADOLFO J
- DE 583624 C 19330906 - OSKAR SPENGLER DR, et al
- DE 16048 C

Cited by

EP0110315A3; EP0132420B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0021364 A1 19810107; EP 0021364 B1 19830511**; AT E3305 T1 19830515; DE 2925283 A1 19810108; DE 2925283 C2 19830929; DE 3063097 D1 19830616; DK 215480 A 19801223; US 4424078 A 19840103

DOCDB simple family (application)

**EP 80103455 A 19800620**; AT 80103455 T 19800620; DE 2925283 A 19790622; DE 3063097 T 19800620; DK 215480 A 19800516; US 40609282 A 19820806