

Title (en)

Process and apparatus for purification of sugar juices

Title (de)

Verfahren und Vorrichtung zur Reinigung von Zuckersäften

Title (fr)

Procédé et installation d'épuration d'un jus sucré

Publication

EP 1063303 A1 20001227 (FR)

Application

EP 00401791 A 20000622

Priority

FR 9908179 A 19990625

Abstract (en)

Clarification process for sweetened juice comprises a pre-clarification process consisting of pre-liming the juice, treating with a coagulation agent, decanting with the addition of a flocculating agent to provide a clear juice and sediment, then using the clear juice in a clarification process comprising liming, optional maturing and carbonation steps. An Independent claim is included for the apparatus used comprising a pre-clarification unit, consisting of a pre-liming unit, a coagulation unit, a decantation unit and a means for reintroducing the clear juice to a liming unit, a liming unit, an optional maturing unit, first and second carbonation units and first and second separation units.

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C13D 3/06; **C13D 3/02**

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C13B 20/02 (2011.01); **C13B 20/06** (2011.01)

CPC (source: EP)

C13B 20/02 (2013.01); **C13B 20/06** (2013.01)

Citation (search report)

- [A] US 4795494 A 19890103 - TOTH LASZLO [US], et al
- [A] US 5480490 A 19960102 - TOTH LASZLO [US], et al
- [A] EP 0550786 A1 19930714 - LIMEX [CS]
- [A] FR 1553443 A 19690110

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CN105772575A; CN103757142A; WO2013020586A1; US8328948B2; US8568812B2; US9677144B2

Designated contracting state (EPC)

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