

Title (en)

PROCEDURE AND EQUIPMENT FOR DIFFERENTIATED JUICE DEFECATION IN TWO RESIN PACKED ION EXCHANGE COLUMNS

Publication

EP 0357901 A3 19910109 (EN)

Application

EP 89112093 A 19890703

Priority

IT 1254388 A 19880909

Abstract (en)

[origin: EP0357901A2] The process and the related equipment are based on two resin packed ion exchange columns (4, 10) through which the juice (S) to be defecated is flowing. In the first column (4) the juice is partially defecated through ion exclusion thus producing molasses (M) with a satisfactory commercial value, while the defecation process is completed in the second column (10) with separation of the non-sugar residue and recovery of various sugars and non-sugars having a high market value. Treatment on two columns reduces processing time and/or the quantity of resin necessary as compared with one column processes. Polluting waste water is thus completely eliminated.

IPC 1-7

C13D 3/14; **C13J 1/06**; **C13K 3/00**

IPC 8 full level

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CPC (source: EP)

C13B 20/14 (2013.01); **C13B 35/06** (2013.01); **C13K 3/00** (2013.01)

Citation (search report)

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- [A] US 4422881 A 19831227 - DEVOS FRANCIS [FR], et al
- [AD] IT 601035 A
- [AD] IT 560795 A

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EP0655507A3; US6913771B2; WO03056933A3

Designated contracting state (EPC)

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EP 0357901 A2 19900314; **EP 0357901 A3 19910109**; BR 8904190 A 19900410; DK 442389 A 19900310; DK 442389 D0 19890907; IT 1225689 B 19901122; IT 8812543 A0 19880909

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