

Title (en)

Process and installation for regenerating ion exchange resins in sugar juice processing.

Title (de)

Verfahren und Anlage zur Regenerierung von Ionenaustauscherharzen bei der Zuckersaftbehandlung.

Title (fr)

Procédé et installation de régénération d'échangeurs d'ions dans le traitement de jus de sucre.

Publication

EP 0016992 A1 19801015 (EN)

Application

EP 80101128 A 19800306

Priority

IT 1250479 A 19790315

Abstract (en)

Process and installation for regeneration of ion exchange resins (A<1>) during the alkali-magnesium process with diluted and heated molasses (4) and with fresh reagent containing magnesium ions (5). The ion chloride polluted effluents are so eliminated, the magnesium cations in the molasses (F) are decreased and fresh reagent consumption is reduced.

IPC 1-7

C13D 3/14

IPC 8 full level

C13B 20/14 (2011.01)

CPC (source: EP)

C13B 20/144 (2013.01)

Citation (search report)

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- DE 1567261 A1 19700527 - CT PA HANDELSGMBH
- F. SCHNEIDER: "Technologie des Zuckers", 1968, Verlag M. & H. Schaper, pages 616-618 and 639 Hannover, DE.
- INTERNATIONAL SUGAR JOURNAL, Vol. 80, No. 957, September 1978, page 279 Y. LE HENAFF et al.: "New deliming process for sugar juices without chemical regenerant of effluent" & IND. ALIM. AGRIC., 1977, 94, 725-729 (French).

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