

Title (en)

METHOD AND APPARATUS FOR MAKING A PURE SIMPLE SUGAR SOLUTION BY HYDROLYSING AT LEAST ONE COMPOUND SUGAR IN THE PRESENCE OF A SELECTIVE ADSORBENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER REINEN AUFLÖSUNG VON EINFACHEN ZUCKERN DURCH HYDROLYSE VON MINDESTENS EINES KOMPLEXEN ZUCKERS IN ANWESENHEIT EINES ABSORBTIONSMITTELS

Title (fr)

PROCEDE ET INSTALLATION DE FABRICATION D'UNE SOLUTION PURE DE SUCRES SIMPLES PAR HYDROLYSE D'AU MOINS UN SUCRE COMPOSE EN PRESENCE D'UN ADSORBANT SELECTIF

Publication

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Application

**EP 95941780 A 19951206**

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Abstract (en)

[origin: US5888306A] PCT No. PCT/FR95/01615 Sec. 371 Date Jul. 10, 1997 Sec. 102(e) Date Jul. 10, 1997 PCT Filed Dec. 6, 1995 PCT Pub. No. WO96/17962 PCT Pub. Date Jun. 13, 1996A method and an apparatus for making a simple sugar solution from a liquid solution including at least one compound sugar by performing hydrolysis in the presence of a heterogeneous catalyst. The method comprises contacting the hydrolysis reaction medium with at least one microporous solid adsorbent compound selected for compatibility with the hydrolysis and . catalysis conditions and for selectively adsorbing by-products other than simple sugars under the hydrolysis reaction conditions. A pure, colourless, food-grade simple sugar solution is achieved.

IPC 1-7

**C13K 1/06**; **C13K 3/00**

IPC 8 full level

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