

Title (en)

GLUCOSE SYRUP HAVING SPECIFIC PROPERTIES AND PROCESS FOR OBTAINING THE SAME

Title (de)

GLUCOSESIRUP MIT SPEZIELLEN EIGENSCHAFTEN UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

SIROP DE GLUCOSE AYANT DES PROPRIETES SPECIFIQUES ET PROCEDE DE FABRICATION DUDIT SIROP

Publication

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Application

EP 96931816 A 19960917

Priority

EP 9604088 W 19960917

Abstract (en)

[origin: WO9812342A1] The invention relates to new, starch based, enzymatically converted glucose syrup compositions, having a DE value (Dextrose Equivalent) between 30 and 50 and a sugar spectrum in which the fraction of DP1-DP3 ranges from 30 to 60 %, the fraction of DP4-DP6 ranges from 25 to 16 %, the fraction of DP7-DP9 ranges from 14 to 4 %, and the fraction above DP9 ranges from 38 to 18 % on d.s. The invention also relates to a process for preparing glucose syrup by treating starch with enzymes, comprising treating a liquified starch substrate by means of an enzyme mixture in a single enzymatic conversion step, whereas said enzyme mixture comprises a bacterial alpha amylase, a maltogenic amylase and a glucoamylase. This process is particularly suitable for preparing the new glucose syrup compositions of the invention.

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IPC 8 full level

C13K 1/06 (2006.01)

CPC (source: EP)

C13K 1/06 (2013.01)

Citation (examination)

WEBB E.C.: "Enzyme nomenclature, p. 346 and 365", 1992, ACADEMIC PRESS INC., SAN DIEGO, CALIFORNIA/USA

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US11064716B2; US11291222B2; WO2016166069A1; WO2021257921A1

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