

Title (en)
ENZYMATIC PREPARATION OF GLUCOSE SYRUP FROM STARCH

Title (de)
ENZYMATISCHE AUFARBEITUNG VON GLUCOSESIRUP AUS STÄRKE

Title (fr)
PREPARATION ENZYMATIQUE DE SIROP DE GLUCOSE A PARTIR D'AMIDON

Publication
EP 1062359 A1 20001227 (EN)

Application
EP 99906094 A 19990308

Priority

- DK 9900114 W 19990308
- DK 32198 A 19980309

Abstract (en)
[origin: WO9946399A1] The present invention relates to a process for the preparation of a glucose syrup wherein starch is treated with a Termamyl-like alpha -amylase comprising a substitution in Val54 shown in SEQ ID NO: 2 or in the corresponding position in another Termamyl-like alpha -amylase. The invention also relates to a glucose syrup obtainable by the process of the invention and the use thereof as ingredient in food products. An object of the invention is also to provide for the use of a Termamyl-like alpha -amylase with a substitution in position Val54 using SEQ ID NO: 2 as the backbone or a corresponding position in another Termamyl-like alpha -amylase for preparing glucose syrup.

IPC 1-7
C12P 19/14; **C13K 1/06**

IPC 8 full level
C12N 15/09 (2006.01); **C12N 9/26** (2006.01); **C12N 9/28** (2006.01); **C12P 19/14** (2006.01); **C13K 1/06** (2006.01)

CPC (source: EP KR)
C12N 9/2417 (2013.01 - EP); **C12P 19/14** (2013.01 - EP KR); **C13K 1/06** (2013.01 - EP)

Citation (search report)
See references of WO 9946399A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9946399 A1 19990916; AR 020058 A1 20020410; AU 2612499 A 19990927; CA 2323068 A1 19990916; EP 1062359 A1 20001227; JP 2002505885 A 20020226; KR 20010041617 A 20010525

DOCDB simple family (application)
DK 9900114 W 19990308; AR P990100983 A 19990308; AU 2612499 A 19990308; CA 2323068 A 19990308; EP 99906094 A 19990308; JP 2000535766 A 19990308; KR 20007009814 A 20000905