

Title (en)

METHOD FOR PRODUCTION OF MALTOSE AND/OR ENZYMATICALLY MODIFIED STARCH

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MALTOSE UND/ODER ENZYMATISCH VERÄNDERTER STÄRKE

Title (fr)

PROCEDE POUR PRODUIRE DU MALTOSE ET/OU DE L'AMIDON MODIFIE PAR ACTION ENZYMATIQUE

Publication

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Application

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Abstract (en)

[origin: WO0116349A1] The present invention relates to a method for preparing maltose and/or modified starch, wherein starch is treated with a variant of the maltogenic amylase having the amino acid sequence shown as amino acids 1-686 of SEQ ID NO:1. The treatment can be carried out at elevated temperatures compared to prior art processes due to the increased thermostability of the maltogenic amylase variants. The method is simple and cheap and gives rise to a maltose of high purity and to a cheap modified starch product useable, e.g., as a fat replacer in foods.

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C12P 19/18; **C12N 9/26**

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