

Title (en)

IMPROVED METHOD FOR PRODUCING ISOMALTO-OLIGOSACCHARIDES

Title (de)

VERBESSERTES VERFAHREN ZUR HERSTELLUNG VON ISOMALTO-OLIGOSACCHARIDEN

Title (fr)

PROCÉDÉ AMÉLIORÉ DE PRODUCTION D'ISOMALTO-OLIGOSACCHARIDES

Publication

EP 3999654 A1 20220525 (EN)

Application

EP 20751017 A 20200716

Priority

- US 201962874541 P 20190716
- US 2020042367 W 20200716

Abstract (en)

[origin: WO2021011793A1] Described is a method for producing improved isomalto-oligosaccharides (IMO) from maltodextrins. The improved method involves the complete or partial replacement of β -amylase, as used in a conventional method, with a selected α -amylase. The resulting IMO have longer chain-length and reduced residual glucose content compared to IMO produced using a conventional method.

IPC 8 full level

C12P 19/04 (2006.01); **C12P 19/14** (2006.01); **C13K 13/00** (2006.01)

CPC (source: CN EP KR)

C12N 9/2402 (2013.01 - KR); **C12N 9/2414** (2013.01 - KR); **C12N 9/2457** (2013.01 - KR); **C12P 19/00** (2013.01 - CN); **C12P 19/02** (2013.01 - CN); **C12P 19/04** (2013.01 - CN EP KR); **C12P 19/12** (2013.01 - CN); **C12P 19/14** (2013.01 - CN EP KR); **C12Y 302/01001** (2013.01 - EP KR); **C12Y 302/0102** (2013.01 - EP KR); **C12Y 302/01041** (2013.01 - EP KR); **C13K 13/00** (2013.01 - EP)

Citation (search report)

See references of WO 2021011793A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021011793 A1 20210121; BR 112022000746 A2 20220614; CA 3147605 A1 20210121; CN 114402081 A 20220426; EP 3999654 A1 20220525; JP 2022541526 A 20220926; KR 20220034866 A 20220318

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US 2020042367 W 20200716; BR 112022000746 A 20200716; CA 3147605 A 20200716; CN 202080064743 A 20200716; EP 20751017 A 20200716; JP 2022502972 A 20200716; KR 20227004859 A 20200716