

Title (en)
OLIGOSACCHARIDE PRODUCTION

Title (de)
HERSTELLUNG VON OLIGOSACCHARIDEN

Title (fr)
PRODUCTION D'OLIGOSACCHARIDE

Publication
EP 4179102 A1 20230517 (EN)

Application
EP 21748487 A 20210712

Priority
• DK PA202000838 A 20200713
• US 202016927700 A 20200713
• EP 2021069310 W 20210712

Abstract (en)
[origin: WO2022013143A1] The invention relates to a genetically modified microorganism for making an oligosaccharide, preferably of 3-8 monosaccharide units, more preferably of 3-5 monosaccharide units, particularly a HMO, which comprises one or more genes encoding a sucrose utilization system, so the microorganism can use sucrose as a carbon and energy source.

IPC 8 full level
C12P 19/00 (2006.01); **C07K 14/255** (2006.01); **C07K 14/26** (2006.01); **C12N 9/12** (2006.01); **C12N 9/24** (2006.01); **C12N 15/52** (2006.01); **C12P 19/04** (2006.01); **C12P 19/12** (2006.01); **C12P 19/18** (2006.01); **C12P 19/26** (2006.01)

CPC (source: EP)
C07K 14/255 (2013.01); **C07K 14/26** (2013.01); **C12N 9/1205** (2013.01); **C12N 9/2402** (2013.01); **C12N 15/52** (2013.01); **C12P 19/00** (2013.01); **C12P 19/04** (2013.01); **C12P 19/12** (2013.01); **C12P 19/18** (2013.01); **C12P 19/26** (2013.01); **C12R 2001/19** (2021.05)

Citation (search report)
See references of WO 2022013143A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022013143 A1 20220120; CN 115803443 A 20230314; EP 4179102 A1 20230517

DOCDB simple family (application)
EP 2021069310 W 20210712; CN 202180049624 A 20210712; EP 21748487 A 20210712