

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
23 August 2018 (23.08.2018)



(10) International Publication Number
WO 2018/149707 A1

(51) International Patent Classification:
C12P 19/24 (2006.01)

Published:

— with international search report (Art. 21(3))

(21) International Application Number:
PCT/EP2018/053023

(22) International Filing Date:
07 February 2018 (07.02.2018)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
17156215.0 15 February 2017 (15.02.2017) EP

(71) Applicant: **EVONIK DEGUSSA GMBH** [DE/DE];
Rellinghauser Straße 1-11, 45128 Essen (DE).

(72) Inventors: **HELLMERS, Frank**; Waterpad 19, 26629
Großefehn (DE). **KACHEL, Sibylle**; Hanauer Landstr.
31b, 63457 Hanau (DE). **ÖHRLEIN, Johannes**; Glocken-
str. 33b, 40476 Düsseldorf (DE). **WOLTER, Jan**; An den
Kämpen 36, 40489 Düsseldorf (DE).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

(54) Title: PROCESS FOR PRODUCTION OF A SOLID MATERIAL CONTAINING ISOMALTULOSE CRYSTALS AND TRE-
HALULOSE

(57) Abstract: The present invention provides a process for production of a solid material containing isomaltulose crystals and trehalulose comprising the process steps A) bringing an enzyme complex which is able to catalyse the reaction of sucrose to isomaltulose and trehalulose into contact with a sucrose-containing solution; B) isomerizing at least some of the sucrose to isomaltulose and trehalulose; C) separating off the enzyme complex to give a solution containing isomaltulose, trehalulose and water; D) partial removal of the water by evaporation, while obtaining a concentrated solution with, based on the total solution, a solid content of 75 wt% to 95wt%, preferably 80wt% to 93wt%, particularly preferably 86 wt% to 92 wt%; E) bringing the concentrated solution to a temperature of 30 °C to 63 °C, preferably 45 °C to 62 °C, even more preferably 55 °C to 60°C, and subsequent induction of isomaltulose crystallisation in this temperature range followed by cooling while obtaining a solid material containing isomaltulose crystals and trehalulose.



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