Title (en)

PRODUCTION OF FERMENTED MILK PRODUCTS FROM NATURAL ISOLATE STARTER CULTURES

Title (de)

HERSTELLUNG VON FERMENTIERTEN MILCHPRODUKTEN AUS NATÜRLICHEN ISOLIERTEN STARTERKULTUREN

Title (fr)

PRODUCTION DE PRODUITS LAITIERS FERMENTÉS À PARTIR DE CULTURES DE DÉPART D'ISOLAT NATUREL

Publication

EP 4030920 A1 20220727 (EN)

Application

EP 20879509 A 20201019

Priority

- TR 201916191 A 20191021
- TR 202003267 A 20200303
- TR 2020050956 W 20201019

Abstract (en)

[origin: WO2021080537A1] With the invention, it is possible to commercialize Streptococcus thermophilus and Lactobacillus bulgaricus bacteria, which are naturally found in local village yogurts in Anatolia, after isolation and purification, and with a process designed for the use of starter cultures containing different combinations of these bacteria, creamy yogurt, homogenized yogurt, fermented milk products such as yogurt and ayran with different fat/dry matter contents are produced. With the invention, by using completely natural isolates isolated from yogurt taken from the local villages of Anatolia, which does not have any modifications; a sustainable method has been developed that can be applied industrially within the scope of mass production and is suitable for the standard structure and taste that consumers in our country want to see in yogurt. With the invention, natural fermented milk products are produced with starter cultures known as yeast/living yogurt cultures in colloquial language and TGK Nutrition and Health Declarations Regulation.

IPC 8 full level

A23C 9/123 (2006.01); **C12N 1/20** (2006.01); C12R 1/225 (2006.01); C12R 1/46 (2006.01)

CPC (source: EP)

A23C 9/1238 (2013.01); **C12N 1/20** (2013.01); **C12N 1/205** (2021.05); A23V 2400/123 (2023.08); A23V 2400/249 (2023.08); C12R 2001/225 (2021.05); C12R 2001/46 (2021.05)

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 2021080537 A1 20210429; EP 4030920 A1 20220727; EP 4030920 A4 20221123

DOCDB simple family (application)

TR 2020050956 W 20201019; EP 20879509 A 20201019