

Title (en)
METHOD FOR PREPARING A PROTEIN-BASED, FIBRE-COMPRISING FOOD PRODUCT, AND FIBRE-COMPRISING FOOD PRODUCT OBTAINED.

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BALLASTSTOFFE ENTHALTENDEN LEBENSMITTELS AUF PROTEINBASIS UND SO HERGESTELLTES BALLASTSTOFFE ENTHALTENDES LEBENSMITTEL

Title (fr)
PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE CONTENANT DES FIBRES, A BASE DE PROTEINES ET PRODUIT ALIMENTAIRE COMPRENANT DES FIBRES AINSI OBTENU

Publication
EP 1643852 A1 20060412 (EN)

Application
EP 04748717 A 20040708

Priority
• NL 2004000491 W 20040708
• NL 1023905 A 20030711

Abstract (en)
[origin: WO2005004625A1] The invention relates to a method for preparing a protein-based, fibre-comprising food product, in which: 1) a hydrocolloid that precipitates with metal cations and a composition comprising vegetable protein material are mixed with one another in aqueous solution, 2) the composition from 1) is made into a homogeneous mixture, 3) the homogeneous mixture from 2) is brought into contact with an aqueous solution of a metal cation with a valency of at least 2 to form a product which comprises fibres comprising precipitated hydrocolloid and vegetable protein material, and 4) the product formed is recovered, characterized in that the homogeneous mixture from 2) is converted into a selected three-dimensional shape with the aid of a shaping process and this shape is then brought into contact with the aqueous solution comprising metal cations. It is expedient for the three-dimensional shape to be selected from a strand and a ball shape. One specific embodiment of the method makes it possible to obtain a fibre-comprising food product with a three-dimensional shape in which there is a skin which comprises precipitated vegetable protein/hydrocolloid fibres, while the core of the three-dimensional shape has retained the properties of the original homogeneous mixture. The invention also relates to a fibre-comprising food product which is packaged; if desired, the food product is pasteurized before or after being packaged.

IPC 1-7
A23J 3/14; A23J 3/16; A23J 3/22; A23J 3/26; A23L 1/0532; A23L 1/0524; A23L 1/054

IPC 8 full level
A23J 3/14 (2006.01); **A23J 3/16** (2006.01); **A23J 3/22** (2006.01); **A23J 3/26** (2006.01); **A23L 29/231** (2016.01); **A23L 29/256** (2016.01); **A23L 29/269** (2016.01)

CPC (source: EP)
A23J 3/14 (2013.01); **A23J 3/16** (2013.01); **A23J 3/225** (2013.01); **A23J 3/26** (2013.01); **A23L 29/231** (2016.07); **A23L 29/256** (2016.07); **A23L 29/269** (2016.07); **A23V 2002/00** (2013.01)

Citation (search report)
See references of WO 2005004625A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005004625 A1 20050120; EP 1643852 A1 20060412; NL 1023905 C2 20050112

DOCDB simple family (application)
NL 2004000491 W 20040708; EP 04748717 A 20040708; NL 1023905 A 20030711