

Title (en)
PHYSIOLOGICALLY COMPATIBLE, PHOSPHOLIPID-CONTAINING, STABLE AND HARD MATRIX

Title (de)
PHYSIOLOGISCH VERTRÄGLICHE, PHOSPHOLIPID-HALTIGE, STABILE UND HARTE MATRIX

Title (fr)
MATRICE DURE ET STABLE CONTENANT DES PHOSPHOLIPIDES ET PHYSIOLOGIQUEMENT COMPATIBLES

Publication
EP 1499204 A2 20050126 (DE)

Application
EP 03718771 A 20030417

Priority
• DE 10217555 A 20020419
• EP 0304031 W 20030417

Abstract (en)
[origin: WO03088761A2] The invention relates to a physiologically compatible, phospholipid-containing, stable and hard matrix, comprised of a supporting material and of a bioactive constituent, which has an overall diameter ranging from 0.1 to 5000 nm and which contains, as bioactive constituents, = 5 wt. %, with regard to the starting material, of acetone-insoluble phospholipid constituents that, in particular, are phosphatidylserine, phosphatidylcholine and the like, as well as lyso variants and/or derivatives thereof. This matrix together with a preferred supporting material comprised of carbohydrates and/or of proteins and, preferably, of additional bioactive substances provided in the form of ingredients such as amino acids, vitamins, trace elements and the like can have a liquid content and is used, in particular, in functional foods, special foods and food supplements.

IPC 1-7
A23J 7/00; **A23P 1/04**; **A23L 1/00**; **A61K 9/16**

IPC 8 full level
A23J 7/00 (2006.01); **A23L 1/00** (2006.01); **A23L 1/30** (2006.01); **A61K 9/16** (2006.01); **A61K 9/50** (2006.01); **A61K 31/683** (2006.01); **A61K 31/685** (2006.01); **A61K 31/688** (2006.01); **A61K 47/04** (2006.01); **A61K 47/14** (2006.01); **A61K 47/26** (2006.01); **A61K 47/36** (2006.01); **A61K 47/38** (2006.01); **A61K 47/42** (2006.01); **A61K 47/44** (2006.01); **A61P 3/06** (2006.01); **A61P 3/10** (2006.01); **A61P 25/22** (2006.01); **A61P 43/00** (2006.01)

CPC (source: EP US)
A23J 7/00 (2013.01 - EP US); **A23P 10/30** (2016.07 - EP US); **A23P 10/35** (2016.07 - EP US); **A61K 9/1617** (2013.01 - EP US); **A61P 3/06** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **A23V 2002/00** (2013.01 - EP US)

Citation (search report)
See references of WO 03088761A2

Citation (examination)
WO 0184961 A2 20011115 - NUTRICIA NV [NL], et al

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03088761 A2 20031030; **WO 03088761 A3 20040603**; AU 2003222823 A1 20031103; AU 2003222823 A8 20031103; DE 10217555 A1 20040219; EP 1499204 A2 20050126; JP 2005527207 A 20050915; US 2005220857 A1 20051006

DOCDB simple family (application)
EP 0304031 W 20030417; AU 2003222823 A 20030417; DE 10217555 A 20020419; EP 03718771 A 20030417; JP 2003585518 A 20030417; US 51188405 A 20050504