

Title (en)

HYPERBARIC PRESSURIZATION OF PROTEINS AND THERAPEUTICAL USES OF PRESSURIZED PROTEINS THEREOF

Title (de)

HYPERBARISCHE DRUCKBEAUFSCHLAGUNG VON PROTEINEN UND DEREN THERAPEUTISCHE VERWENDUNGEN

Title (fr)

PRESSURISATION HYPERBARE DE PROTEINES ET UTILISATIONS THERAPEUTIQUES DES PROTEINES AINSI PRESSURISEES

Publication

EP 1248534 A1 20021016 (EN)

Application

EP 01901095 A 20010110

Priority

- CA 0100031 W 20010110
- US 17537800 P 20000111
- US 25259200 P 20001124

Abstract (en)

[origin: WO0150888A1] The present invention relates to hyperbaric pressurization of proteins and therapeutical uses of such pressurized proteins as stimulatory growth and/or antioxidant and/or tissue glutathione inducing agents. There is provided a protein composition having enhanced susceptibility to enzymes for administration to an animal, which comprises between 1% (w/w) to 100% (w/w) protein prepared by the method of the present invention; and an acceptable pharmaceutical carrier between 0% (w/w) to 99% (w/w). The present invention also relates to induce conformational changes in proteins to reduce their allergenic properties by exposing proteins to a hyperbaric treatment. There is provided a protein composition having reduced allergenic effects for administration to an animal, which comprises between 1% (w/w) to 100% (w/w) protein prepared by the method of the present invention; and an acceptable pharmaceutical carrier between 0% (w/w) to 99% (w/w).

IPC 1-7

A23L 1/305; **A23L 1/025**; **A23J 3/00**

IPC 8 full level

A23J 3/00 (2006.01); **A23L 1/305** (2006.01); **A23L 3/015** (2006.01); **A23L 5/30** (2016.01)

CPC (source: EP)

A23J 3/00 (2013.01); **A23L 3/0155** (2013.01); **A23L 5/30** (2016.07); **A23L 33/17** (2016.07); **A23V 2002/00** (2013.01)

C-Set (source: EP)

A23V 2002/00 + **A23V 2300/46**

Citation (search report)

See references of WO 0150888A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0150888 A1 20010719; AU 2660601 A 20010724; CA 2396103 A1 20010719; EP 1248534 A1 20021016

DOCDB simple family (application)

CA 0100031 W 20010110; AU 2660601 A 20010110; CA 2396103 A 20010110; EP 01901095 A 20010110