

Title (en)

ENZYMATIC TREATMENT OF WHEY PROTEINS FOR THE PRODUCTION OF ANTIHYPERTENSIVE PEPTIDES, THE RESULTING PRODUCTS AND TREATMENT OF HYPERTENSION IN MAMMALS

Title (de)

ENZYMATISCHE BEHANDLUNG VON MOLKEPROTEINEN ZUR PRODUKTION VON BLUTDRUCKSENKENDEN PEPTIDEN, RESULTIERENDE PRODUKTE DARAUS UND BEHANDLUNG VON BLUTDRUCK IN SÄUGERN

Title (fr)

TRAITEMENT ENZYMATIQUE DES PROTEINES DE LACTOSERUM PERMETTANT D'OBTENIR DES PEPTIDES ANTI-HYPERTENSION, PRODUITS OBTENUS ET TRAITEMENT DE L'HYPERTENSION CHEZ LES MAMMIFERES

Publication

**EP 1287159 A4 20050209 (EN)**

Application

**EP 01933181 A 20010508**

Priority

- US 0114797 W 20010508
- US 56728300 A 20000508
- US 70206800 A 20001030

Abstract (en)

[origin: WO0185984A1] Enzymatic digests of whey protein concentrates were prepared using animal, bacterial and fungal proteases, and evaluated for antihypertensive activities. ACE-inhibitory activity and antihypertension activity were obtained with a hydrolysate of whey protein isolate prepared with a porcine trypsin.

IPC 1-7

**C12Q 1/34; C12Q 1/37; A61P 9/12**

IPC 8 full level

**A23J 3/34** (2006.01); **A61K 38/55** (2006.01); **A61P 9/12** (2006.01); **A61P 43/00** (2006.01); **C12P 21/06** (2006.01)

CPC (source: EP)

**A23J 3/343** (2013.01); **A61K 38/556** (2013.01); **A61P 9/12** (2017.12); **A61P 43/00** (2017.12); **C12P 21/06** (2013.01)

Citation (search report)

- [A] EP 0671126 A1 19950913 - MORINAGA MILK INDUSTRY CO LTD [JP]
- [A] EP 0821968 A2 19980204 - CALPIS FOOD IND CO LTD [JP]
- [X] DATABASE WPI Section Ch Week 199248, Derwent World Patents Index; Class B04, AN 1992-392238, XP002311023
- [X] DATABASE WPI Section Ch Week 199816, Derwent World Patents Index; Class B04, AN 1998-172040, XP002311024
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- [A] DATABASE WPI Section Ch Week 199510, Derwent World Patents Index; Class B04, AN 1995-070230, XP002311025
- See references of WO 0185984A1

Designated contracting state (EPC)

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

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**WO 0185984 A1 20011115**; AU 5962501 A 20011120; CA 2415688 A1 20011115; EP 1287159 A1 20030305; EP 1287159 A4 20050209; JP 2004519204 A 20040702; MX PA02011018 A 20040819; NZ 523036 A 20040430

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**US 0114797 W 20010508**; AU 5962501 A 20010508; CA 2415688 A 20010508; EP 01933181 A 20010508; JP 2001582572 A 20010508; MX PA02011018 A 20010508; NZ 52303601 A 20010508