

Title (en)

THE USE OF HYPERIMMUNE MILK TO INCREASE LONGEVITY.

Title (de)

DIE VERWENDUNG VON HYPERIMMUNER MILCH ZUR ERHÖHUNG DER LEBENSDAUER.

Title (fr)

UTILISATION DE LAIT HYPERIMMUN POUR AUGMENTER LA LONGEVITE.

Publication

**EP 0646014 A4 19960508 (EN)**

Application

**EP 93915175 A 19930526**

Priority

- US 9305199 W 19930526
- US 89951992 A 19920616
- US 5364993 A 19930428

Abstract (en)

[origin: WO9325232A1] The present invention relates to the use of hyperimmune milk derived from milk producing animals hyperimmunized with bacterial antigens including intestinal bacteria. The administration of the present hyperimmune milk to an animal effectively retards physiological aging, increases longevity, delays the onset of physiological aging and restores physiological functional capacity in physiologically or chronologically aged animals. More specifically, the present hyperimmune milk is administered to an animal in an amount sufficient to effectively retard physiological aging, increase longevity, delay the onset of physiological aging in animals, or restore decreased physiological functional capacity in physiologically or chronologically aged animals.

IPC 1-7

**A61K 39/00**; **A61K 39/395**; **A61K 39/116**; **A61K 39/40**; **A61K 35/14**; **C07K 15/04**; **A23C 9/00**

IPC 8 full level

**A61K 39/395** (2006.01); **A61K 35/20** (2006.01); **A61P 3/00** (2006.01); **A61P 37/00** (2006.01); **C07K 16/04** (2006.01); **C07K 16/12** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

**A61P 3/00** (2017.12); **A61P 37/00** (2017.12); **C07K 16/04** (2013.01); **C07K 16/12** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [X] EP 0143345 A2 19850605 - STOLLE RES & DEV [US]
- [A] EP 0339656 A2 19891102 - GOLD PHIL [CA], et al
- [A] EP 0330521 A2 19890830 - STOLLE RES & DEV [US]
- [A] EP 0064103 A1 19821110 - STOLLE RES & DEV [US]
- [A] MUROSAKI ET AL: "INFLUENCE OF INTAKE OF SKIM MILK FROM COWS IMMUNIZED WITH INTESTINAL BACTERIAL ANTIGENS ON ONSET OF RENAL DISEASE IN (NZB \* NZW) F1 MICE FED AD LIBITUM OR RESTRICTED IN ENERGY INTAKE", JOURNAL OF NUTRITION, vol. 121, no. 11, pages 1860 - 1868
- See references of WO 9325232A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9325232 A1 19931223**; AU 4525993 A 19940104; AU 680617 B2 19970807; CA 2136641 A1 19931223; EP 0646014 A1 19950405; EP 0646014 A4 19960508; IL 105912 A0 19941021; IL 105912 A 19981030; JP H07507798 A 19950831; NZ 253866 A 19970526; NZ 299579 A 20000929; NZ 505753 A 20041126

DOCDB simple family (application)

**US 9305199 W 19930526**; AU 4525993 A 19930526; CA 2136641 A 19930526; EP 93915175 A 19930526; IL 10591293 A 19930604; JP 50154594 A 19930526; NZ 25386693 A 19930526; NZ 29957993 A 19930526; NZ 50575393 A 19930526