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(54) Title: NUTRITIONAL FOOD AND FEED, COMPOSITION, PROCESSING AND METHOD OF USE

(57) Abstract: The present invention relates to means for protecting and incorporating bioactive compounds in food or feed for-
mulations used to enhance the health status and growth performance of human and non-human organisms.



WO 2005/115473 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **A23K 1/17(2006.01)**

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 424/442

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 East

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | Lee et al (Pub. No. US 20040121002) disclose bioactive nutritional composition including protein; polypeptide; nutrients, such as vitamins, minerals and antioxidants; fatty acids; other ingredients, such as egg, sugar, salt, and the like; food products such as milk, dairy product, and the like. Furthermore, Lee et al disclose protective layer of the composition and environment change such as microorganism, moisture, temperatur, etc. (page 1-2 summary and page 2-6). | 1-47 |
| Y | Zink et al. Pub. No. US 2003/0190309 disclose nutritionally complete pet food composition and their sources, such as protein, lipid, starch, and other ingredients (abstract and the whole document). | 1-47 |
| Y | Gurin et al Pub. No. US 2003/0175403 disclose a composition and method for supplementing feed, nutrition and diet system with bioactives and their nutritional value (the whole document) | 1-47 |

Further documents are listed in the continuation of Box C. See patent family annex.

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| "P" document published prior to the international filing date but later than the priority date claimed | |

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| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201 | Authorized officer Desta Yebassa, Ph.D. <i>[Signature]</i> Telephone No. 571-272-1600 |