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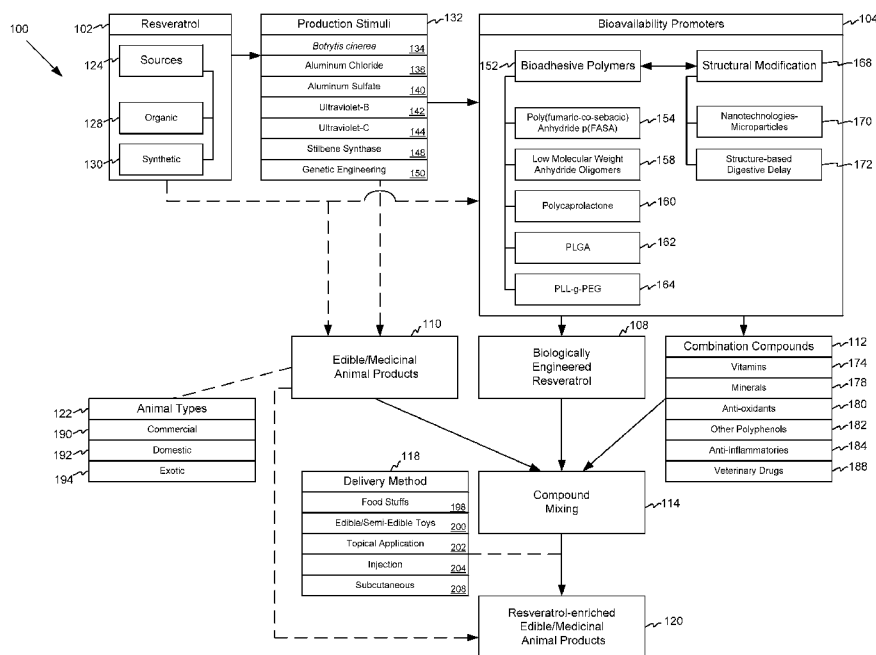
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(54) Title: ANIMAL PRODUCT ENRICHMENT USING RESVERATROL



(57) Abstract: The methods and systems disclosed herein include combining resveratrol with a bioavailability promoter to produce a bioavailable resveratrol, combining the bioavailable resveratrol with a combination compound to produce a bioavailable resveratrol enriched compound, and combining the bioavailable resveratrol enriched compound with an animal delivery method to produce a resveratrol enriched product for use by an animal.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/64954

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61K 36/87 (2010.01) USPC - 424/766 According to International Patent Classification (IPC) or to both national classification and IPC																									
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) USPC- 424/766 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC- 514/680, 729, 733; 568/729 (see search terms below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DialogClassic (Derwent WPI, WIPO, US Pat, PgPub, EPO, JPO: classification, keyword), GoogleScholar; search terms: resveratrol, resorcinol, stilbenetriol, trihydroxystilbene, animal, food, dog, canine, cat, feline, kibble, meal, chow, bioavailable, microsphere, microparticle, microencapsulate, polymers, synthetic, modified, synthase, ultraviolet																									
C. DOCUMENTS CONSIDERED TO BE RELEVANT																									
<table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 2006/0024385 A1 (PEDERSEN) 02 February 2006 (02.02.2006) para [0023], [0033]-[0035], [0040], [0056], [0064], [0066], [0073], [0085], [0086], [0096], [0109], [0111], [0123], [0128]-[0139]</td> <td>1-170</td> </tr> <tr> <td>Y</td> <td>US 2005/0201974 A1 (SCHESTOPOL et al.) 15 September 2005 (15.09.2005) para [0003], [0004], [0011], [0024], [0035]-[0037], [0050]-[0064], [0084], [0090], [0092], [0099], [0119], [0121]</td> <td>1-170</td> </tr> <tr> <td>Y</td> <td>WO 2005/012507 A1 (ZHANG et al.) 10 February 2005 (10.02.2005) pg 2, pg 3, pg 18-22, pg 28, pg 38</td> <td>16-30, 57, 101-115, 142</td> </tr> <tr> <td>Y/E</td> <td>WO 2007/042271 A2 (RAEDERSTORFF et al.) 19 April 2007 (19.04.2007) entire document</td> <td>1-170</td> </tr> <tr> <td>Y/P</td> <td>WO 2007/009657 A1 (GORAL-CZYK et al.) 25 January 2007 (25.01.2007) entire document</td> <td>1-170</td> </tr> <tr> <td>A/P</td> <td>US 2007/0014833 A1 (MILBURN et al.) 18 January 2007 (18.01.2007) entire document</td> <td>1-170</td> </tr> <tr> <td>A</td> <td>WO 2005/058255 A1 (RICHELLE et al.) 30 June 2005 (30.06.2005) entire document</td> <td>1-170</td> </tr> </tbody> </table>	Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 2006/0024385 A1 (PEDERSEN) 02 February 2006 (02.02.2006) para [0023], [0033]-[0035], [0040], [0056], [0064], [0066], [0073], [0085], [0086], [0096], [0109], [0111], [0123], [0128]-[0139]	1-170	Y	US 2005/0201974 A1 (SCHESTOPOL et al.) 15 September 2005 (15.09.2005) para [0003], [0004], [0011], [0024], [0035]-[0037], [0050]-[0064], [0084], [0090], [0092], [0099], [0119], [0121]	1-170	Y	WO 2005/012507 A1 (ZHANG et al.) 10 February 2005 (10.02.2005) pg 2, pg 3, pg 18-22, pg 28, pg 38	16-30, 57, 101-115, 142	Y/E	WO 2007/042271 A2 (RAEDERSTORFF et al.) 19 April 2007 (19.04.2007) entire document	1-170	Y/P	WO 2007/009657 A1 (GORAL-CZYK et al.) 25 January 2007 (25.01.2007) entire document	1-170	A/P	US 2007/0014833 A1 (MILBURN et al.) 18 January 2007 (18.01.2007) entire document	1-170	A	WO 2005/058255 A1 (RICHELLE et al.) 30 June 2005 (30.06.2005) entire document	1-170	
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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: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774																								