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(54) **INTRAVENOUS OMEGA-3 FATTY ACID COMPOSITIONS & METHOD OF USE**

INTRAVENÖSE OMEGA-3-FETTSÄUREN-ZUSAMMENSETZUNGEN SOWIE VERWENDUNGSVERFAHREN DAFÜR

COMPOSITIONS INTRAVEINEUSES D'ACIDES GRAS OMÉGA-3 ET MÉTHODE D'UTILISATION

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(73) Proprietor: **The Government of the United States, as represented by The Secretary of the Army Fort Detrick, MD 21702-9223 (US)**

- **Y. A CARPENTIER ET AL: "Rapid cellular enrichment of eicosapentaenoate after a single intravenous injection of a novel medium-chain triacylglycerol:fish-oil emulsion in humans", AMERICAN JOURNAL OF CLINICAL NUTRITION, vol. 91, no. 4, 10 February 2010 (2010-02-10), pages 875-882, XP055092955, ISSN: 0002-9165, DOI: 10.3945/ajcn.2009.27951**
- **CALDER P.C.: 'Long-chain n-3 fatty acids and inflammation: potential application in surgical and trauma patients.' BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH vol. 36, no. 4, 2003, pages 433 - 446, XP003018982**
- **MICHAEL-TITUS A.T.: 'Omega-3 fatty acids acids and neurological injury' PROSTAGLANDINS, LEUKOTRIENES AND ESSENTIAL FATTY ACIDS vol. 77, no. 5-6, 2007, pages 295 - 300, XP022371997**

(72) Inventor: **LEWIS, Michael Rockville, MD 20852 (US)**

(74) Representative: **Boult Wade Tennant LLP Salisbury Square House 8 Salisbury Square London EC4Y 8AP (GB)**

(56) References cited:
EP-B1- 0 863 754 WO-A1-90/08544
WO-A2-01/89474 WO-A2-2007/070307

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- WU A. ET AL.: 'Dietary Omega-3 Fatty Acids Normalize BDNF Levels, Reduce Oxidative Damage, and Counteract Learning Disability after Traumatic Brain Injury in Rats.' JOURNAL OF NEUROTRAUMA vol. 21, no. 10, 2004, pages 1457 - 1467, XP008151907
- WU A. ET AL.: 'Omega-3 Fatty Acids Supplementation Restores Mechanisms that Maintain Brain Homeostasis in Traumatic Brain Injury.' JOURNAL OF NEUROTRAUMA vol. 24, no. 10, 2007, pages 1587 - 1595, XP055070337
- Document from "Nordic naturals" provided by the applicant submitted on 26.02.2017: Distillation Fact from Fiction Fish Oil Manufacturing Clarified 8 pages- No publication date
- MICHAEL-TITUS ET AL: "Omega-3 fatty acids and neurological injury", PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, CHURCHILL LIVINGSTONE, EDINBURGH, vol. 77, no. 5-6, 26 November 2007 (2007-11-26), pages 295-300, XP022371997, ISSN: 0952-3278, DOI: 10.1016/J.PLEFA.2007.10.021
- KHALID Q ET AL: "The fatty acid composition of edible marine fish oils.", JOURNAL OF THE AMERICAN OIL CHEMISTS' SOCIETY APR 1968, vol. 45, no. 4, April 1968 (1968-04), pages 247-249, ISSN: 0003-021X

Remarks:

The file contains technical information submitted after the application was filed and not included in this specification