

RIMFROST AS

Petitioner

v.

AKER BIOMARINE ANTARCTIC AS

Patent Owner

IPR2018-01178 IPR2018-01179

U.S. Patent No. 9,375,453

PETITIONER'S FIRST UPDATED EXHIBIT LIST



PETITIONER'S FIRST UPDATED EXHIBIT LIST

EXHIBIT NO.	EXHIBIT DESCRIPTION
1001	U.S. Patent No. 9,375,453 B2, filed September 6, 2013 ('453).
1002	U.S. Provisional Patent Application No. 61/024,072, filed January 28, 2008 ('072 Provisional).
1003	U.S. Provisional Patent Application No. 60/983,446, filed October 29, 2007 ('446 Provisional).
1004	U.S. Provisional Patent Application No. 60/975,058, filed September 25, 2007 ('058 Provisional).
1005	U.S. Provisional Patent Application No. 60/920,483, filed March 28, 2007 ('483 Provisional).
1006	Declaration of Stephen Tallon.
1007	Bottino, N.R., "The Fatty Acids of Antarctic Phytoplankton and Euphausiids. Fatty Acid Exchange among Trophic Levels of the Ross Sea," 1974, Marine Biology, 27, 197-204 (Bottino I).
1008	Budziński, E., P. Bykowski and D. Dutkiewicz, 1985, Possibilities of processing and marketing of products made from Antarctic krill. FAO Fish.Tech. Pap., (268):46, (Budzinski).
1009	Catchpole and Tallon, WO 2007/123424, published November 1, 2007, "Process for Separating Lipid Materials," (Catchpole).
1010	Fricke et al., "Lipid, Sterol and Fatty Acid Composition of Antarctic Krill (<i>Euphausia superba</i> Dana)," LIPIDS 19(11):821-827 (1984) (Fricke).



IPR2018-01178 IPR2018-01179	U.S. Patent No. 9,3/5,453
1011	Randolph, et al., U.S. Patent Application Publication No. US/2005/0058728 A1, "Cytokine Modulators and Related Method of Use" (Randolph).
1012	Sampalis [I] et al., "Evaluation of the Effects of Neptune Krill Oil TM on the Management of Premenstrual Syndrome and Dysmenorrhea" Altern. Med. Rev. 8(2):171-179 (2003) (Sampalis I).
1013	Sampalis [II] et al., WO 2003/011873, published February 13, 2003, "Natural Marine Source Phospholipids Comprising Flavonoids, Polyunsaturated Fatty Acids and Their Applications" (Sampalis II).
1014	Tanaka [I] et al., "Platelet – Activating Factor (PAF) – Like Phospholipids Formed During Peroxidation of Phosphatidylcholines from Different Foodstuffs", Biosci. Biotech. Biochem., 59(8) 1389-1393 (1995) (Tanaka I).
1015	Tanaka (II) et al., "Extraction of Phospholipids from Salmon Roe with Supercritical Carbon Dioxide and an Entrainer", Journal of Oleo Science Vol. 53 (2004) No. 9, p.17-424 (Tanaka II).
1016	Reserved.
1017	Folch et al., "A simple method for the isolation and purification of total lipides from animal tissues", J. Biol. Chem. (1957) 226: 497-509 (Folch).
1018	Kochian et al, "Agricultural Approaches to Improving Phytonutrient Content in Plants: An Overview", Nutrition Reviews, Vol. 57, No. 9, September 1999: S13-S18.
1019	Reserved.



IPR2018-01178 IPR2018-01179	U.S. Patent No. 9,375,453
1020	Bunea, et al., "Evaluation Of The Effects Of Neptune Krill Oil On The Clinical Course Of Hyperlipidemia", Altern Med Rev. 2004; 9:420–428 (Bunea).
1021	Complaint filed in <i>Aker Biomarine Antarctic AS v. Olympic Holding AS</i> , et al., Case No. 1:16-cv-00035.
1022	Reserved.
1023	Federal Register Notice of Institution of Investigation 337-TA-1019 on September 16, 2016 by the ITC (81 Fed. Reg. pages 63805-63806).
1024	File History to U.S. Patent No. 9,034,388 B2, Serial No, 12/057,775 ('388 File History) 1024 Part 1 - Pages 1-450 1024 Part 2 - Pages 451-900 1024 Part 3 - Pages 901-1350 1024 Part 4 - Pages 1351-1800 1024 Part 5A - Pages 1801-2025 1024 Part 5B - Pages 2026-2250 1024 Part 6 - Pages 2251-2700 1024 Part 7 - Pages 2701-3083 1024 Part 8 - Pages 3084-3223.
1025-1026	Reserved.
1027	Saether et al., "Lipolysis post mortem in North Atlantic krill". Comp. Biochem. Physiol. Vol. 83B, No. 1, pp. 51-55, 1986 (Saether).
1028	Hawley's Condensed Chemical Dictionary, p. 893, 13 th ed.,1997 (Hawley's).



1029

Reserved.

IPR2018-01178 IPR2018-01179	U.S. Patent No. 9,375,453
1030	Tehoharides, U.S. Patent Application Publication No. US/2006/0013905 A1, "Anti-Inflammatory Compositions For Treating Multiple Sclerosis" (Tehoharides).
1031	Halliday, Jess, "Neptune-Degussa Deal to Develop Phospholipids, Adapt Krill Oil," http://www.nutraingredients-usa.com/Suppliers2/Neptune-Degussa-deal-to-develop-phospholipids-adapt-krill-oil , December 12, 2005 (Neptune-DeGussa).
1032	Grantham, G.J., "The Utilization Of Krill", UNDP/FAO Southern Ocean Fisheries Survey Programme (1977) (Grantham).
1033	Yoshitomi, U.S. Patent Application Publication No. US/2003/0113432 A1, "Process For Making Dried Powdery and Granular Krill" (Yoshitomi).
1034	Reserved.
1035	Breivik, U.S. Patent Application Publication No. US 2010/0143571 A1, "Process for Production of Omega-3 Rich Marine Phospholipids from Krill" (Breivik I).

1035	Breivik, U.S. Patent Application Publication No. US 2010/0143571 A1, "Process for Production of Omega-3 Rich Marine Phospholipids from Krill" (Breivik I).
1036	Breivik, U.S. Provisional Patent Application No. 60/859,289, "Processes for production of omega-3 rich marine phospholipids from krill", filed November 16, 2006 (Breivik '289 Provisional, Breivik III).
1037	Breivik, WO 2008/060163 A1, "Process for Production of Omega-3 Rich Marine Phospholipids from Krill," International filing date November 15, 2007 (Breivik II).
1038	Bottino, N.R., "Lipid Composition of Two Species of Antarctic



Krill: *Euphausia Superba* and *E. Crystallorophias*", Comp. Biochem. Physiol., 1975, Vol. 50B, pp. 479 to 484 (Bottino II).

DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

