

19 Oct 04
2004060745

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number
WO 03/089399 A1

- (51) International Patent Classification⁷: C07C 67/56, C11B 7/00, C11C 1/08
- (21) International Application Number: PCT/NZ03/00062
- (22) International Filing Date: 11 April 2003 (11.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
518504 22 April 2002 (22.04.2002) NZ
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



162162



ACTION

WO 03/089399 A1

(54) Title: IMPROVEMENTS IN OR RELATING TO SEPARATION TECHNOLOGY

(57) Abstract: A process for extracting a wide range of lipophilic compounds from urea-containing solutions is described. The process utilises a near-critical fluid as the extraction solvent. The process is particularly applicable to the extraction of polyunsaturated fatty acids from the filtrate obtained upon urea fractionation, as employed in the processing of fish and other oils. In contrast to known processes, the lipophilic compounds may be extracted without the use of non-food grade solvents, and are suitable for pharmaceutical and cosmetic use.