

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/024930 A3

(51) International Patent Classification⁷: **C12P 7/64**,
A23D 9/007, 9/02, A23L 1/29, A23C 11/02, A23K 1/00

611-0043 (JP). **HIGASHIYAMA, Kenichi** [JP/JP];
2-26-1-225, Nishiokamoto, Higashinada-ku, Kobe-shi,
Hyogo 658-0073 (JP).

(21) International Application Number:

PCT/JP2003/011744

(74) Agents: **AOKI, Atsushi** et al.; A. AOKI, ISHIDA & AS-
SOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom
3-chome, Minato-ku, Tokyo 105-8423 (JP).

(22) International Filing Date:

12 September 2003 (12.09.2003)

(81) Designated States (*national*): AU, CA, CN, ID, IN, JP,
KR, SG, US.

(25) Filing Language:

English

(26) Publication Language:

English

(84) Designated States (*regional*): 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).

(30) Priority Data:

NO.2002-268720

13 September 2002 (13.09.2002) JP

Published:

— with international search report

(71) Applicant (*for all designated States except US*): **SUN-
TORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome,
Kita-ku, Osaka-shi, Osaka 530-8203 (JP).

(88) Date of publication of the international search report:
8 July 2004

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SUMIDA, Mo-
too** [JP/JP]; 100, Kego, Isedacho, Uji-shi, Kyoto

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: PROCESS FOR PRODUCTION OF TRANSESTERIFIED OILS/FATS OR TRIGLYCERIDES

(57) Abstract: There are provided polyunsaturated fatty acids-containing oils/fats or triglycerides with high digestion and absorption properties and resistance to oxidative damage, which are suitable for applications in fields such as modified milk for infants, food products and healthy foods and/or supplements, produced by transesterification of polyunsaturated fatty acids-containing oils/fats or triglycerides with vegetable oils/fats or triglycerides using 1,3-position specific type lipases.



WO 2004/024930 A3