

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 March 2009 (12.03.2009)

PCT

(10) International Publication Number
WO 2009/030509 A4

(51) International Patent Classification:

C07D 307/42 (2006.01) **C10L 1/00** (2006.01)
C10L 1/02 (2006.01)

(21) International Application Number:

PCT/EP2008/007423

(22) International Filing Date:

5 September 2008 (05.09.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

07075777.8 7 September 2007 (07.09.2007) EP
08075504.4 19 May 2008 (19.05.2008) EP

(71) Applicant (for all designated States except US): **FURANIX TECHNOLOGIES B.V.** [NL/NL]; Zeker-
ingstraat 29, NL-1014 BV Amsterdam (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GRUTER, Gerardus, Johannes, Maria** [NL/NL]; Asterkade 14, NL-2106 BA Heemstede (NL).

(74) Agent: **KORTEKAAS, M.C.J.A.**; Exter Polak & Char-
louis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ,
EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG,
SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- with amended claims (Art. 19(1))

(88) Date of publication of the international search report:

18 June 2009

Date of publication of the amended claims: 13 August 2009

(54) Title: 5-SUBSTITUTED 2-(ALKOXYMETHYL)FURANS

(57) Abstract: The present invention concerns a method for the manufacture of a 5-substituted 2- (alkoxymethyl)furan (or a mix-
ture of such furans) by reacting a starting material comprising at least a 5-substituted furfural with hydrogen in the presence of an
alcohol and a catalyst system.



WO 2009/030509 A4