

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 October 2010 (21.10.2010)

PCT

(10) International Publication Number
WO 2010/120398 A3

(51) International Patent Classification:
C07D 209/48 (2006.01) *C07D 209/44* (2006.01)

(21) International Application Number:
PCT/US2010/022727

(22) International Filing Date:
1 February 2010 (01.02.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/165,714 1 April 2009 (01.04.2009) US
09159820.1 8 May 2009 (08.05.2009) EP

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(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, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted
a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
9 December 2010

(54) Title: PROCESS FOR PREPARING N-SUBSTITUTED CYCLIC IMIDES

(57) Abstract: In a process for making an N-substituted phthalimide compound, an amine is contacted with a carboxylic acid anhydride and allowed to react in an aqueous solution at a pH of about 2 to about 6. Optionally, the reactants are combined with an acid to lower the pH of the reaction solution wherein the lowering of the pH optimizes the yield of the desired N-substituted phthalimide product. The N-substituted phthalimide may be, for example, N-hydroxyphthalimide, and the reactants may be phthalic anhydride and hydroxylamine or a salt thereof. The N-substituted phthalimide compound is useful for, among other things, the oxidation of various hydrocarbons.



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