



(51) International Patent Classification:

C07D 489/08 (2006.01) *A61P 25/04* (2006.01)
A61K 31/485 (2006.01) *A61P 25/36* (2006.01)

(21) International Application Number:

PCT/IB2013/001538

(22) International Filing Date:

15 July 2013 (15.07.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/672,265 16 July 2012 (16.07.2012) US
61/762,657 8 February 2013 (08.02.2013) US

(71) Applicant: RHODES TECHNOLOGIES [US/US]; 498
Washington Street, Coventry, Rhode Island 02816 (US).

(72) Inventors: MCCARTHY, Keith; 10 Wolcott Lane, Old
Lyme, Connecticut 06371 (US). GIGUERE, Joshua, R.;
17 Harding Street, Sharon, Massachusetts 02067 (US).
GEBBIE, Stuart, James; 150 Walnut Avenue, Norwood,
Massachusetts 02062 (US). RIDER, Lonn, S.; 18 Barbs
Hill Road, Foster, Rhode Island 02825 (US).

(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, BN, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, 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, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

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))

(54) Title: PROCESS FOR IMPROVED OPIOID SYNTHESIS

(57) Abstract: Compounds and compositions for use as starting materials or intermediate materials in the preparation of opioids including, e.g., oxycodone base and/or an oxycodone salt; processes for preparing these compounds and compositions; uses of these compounds and compositions in the preparation of APIs and pharmaceutical dosage forms; and uses of said APIs and pharmaceutical dosage forms in the treatment of medical conditions.

