



(51) International Patent Classification:

C07C 45/75 (2006.01) C07C 319/20 (2006.01)
C07D 233/02 (2006.01) C07C 49/17 (2006.01)

(21) International Application Number:

PCT/JP2009/067871

(22) International Filing Date:

8 October 2009 (08.10.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2008-261392 8 October 2008 (08.10.2008) JP

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

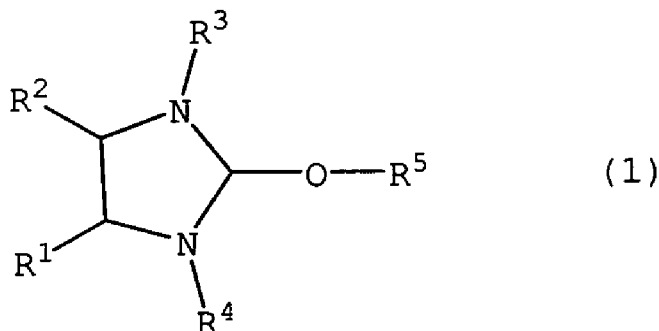
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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, 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).

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 PRODUCING ALPHA-HYDROXYKETONE COMPOUND



(57) Abstract: A process for producing an α -hydroxyketone compound, which comprises subjecting an aldehyde compound to a coupling reaction in the presence of an alkoxyimidazolidine compound represented by the formula (1) wherein R¹ and R² independently represent a hydrogen atom, etc., R³ and R⁴ independently represent a substituted or unsubstituted aryl group, etc. and R⁵ represents an alkyl group.