



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C01B 11/06	A1	(11) International Publication Number: WO 96/36559 (43) International Publication Date: 21 November 1996 (21.11.96)
(21) International Application Number: PCT/US96/05661 (22) International Filing Date: 19 April 1996 (19.04.96) (30) Priority Data: 95870056.9 16 May 1995 (16.05.95) EP (34) Countries for which the regional or international application was filed: AT et al. (71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US) (72) Inventor; and (75) Inventor/Applicant (for US only): TRIGIANTE, Giuseppe [IT/IT]; Via Castinelli, 7, I-56100 Pisa (IT). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.
(54) Title: PROCESS FOR THE MANUFACTURE OF HYPOCHLORITE BLEACHING COMPOSITIONS (57) Abstract The present invention discloses a process for the manufacture of liquid aqueous bleaching compositions comprising hypochlorite, a strong source of alkalinity and water, said process comprising the steps of: mixing said alkali metal hypochlorite, said strong source of alkalinity and said water; adding a precipitating agent, or mixtures thereof; and thereafter separating the precipitates formed from said composition. The compositions provided by the process according to the present invention are substantially free of heavy metal ions, thereby providing improved whiteness performance and/or fabric safety performance.		