



(51) International Patent Classification:
C01B 11/02 (2006.01)

(21) International Application Number: PCT/HU2014/000090

(22) **International Filing Date:** 3 October 2014 (03.10.2014)

(25) **Filing Language:** Hungarian

(26) **Publication Language:** English

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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, 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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, SA, 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, ST, 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).

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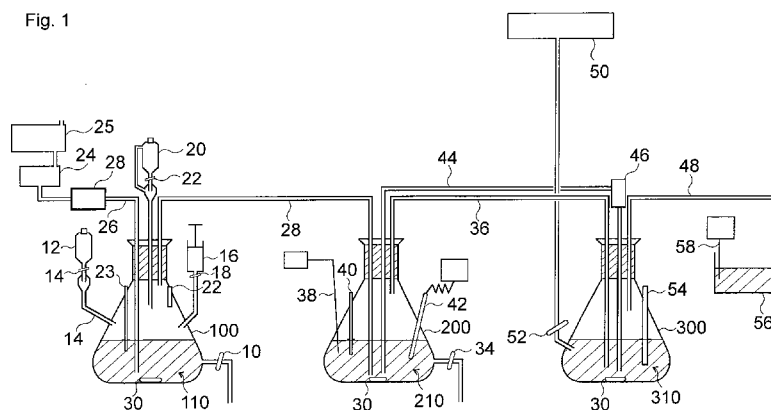
— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

(54) Title: METHOD FOR PRODUCING AQUEOUS SOLUTION OF CHLORINE DIOXIDE

Fig. 1



(57) Abstract: The invention is a method for producing an aqueous solution of chlorine dioxide, comprising the steps of producing chlorine dioxide gas and carrying away the chlorine dioxide gas by means of a gas flow, and in the course of producing the chlorine dioxide gas, the chlorine dioxide gas is generated from a reaction of chlorous acid in a starting solution (110) comprised in a starting reactor (100), in the course of carrying away the chlorine dioxide gas by means of the gas flow, the chlorine dioxide gas is carried from the starting reactor (100) into an aqueous solution (210) comprised in an end product reactor (200) by means of the gas flow, and a volume ratio of the chlorine dioxide gas is controlled in a gas space of the starting reactor (100) by modifying a velocity of the gas flow and/or by adding a substance capable of receiving a proton.