



- (51) **International Patent Classification:**
C10G 15/08 (2006.01) C10G 32/02 (2006.01)
C10G 33/02 (2006.01)
- (21) **International Application Number:**
PCT/EP2012/059164
- (22) **International Filing Date:**
16 May 2012 (16.05.2012)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
2,740,584 19 May 2011 (19.05.2011) CA
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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, 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,
ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report (Art. 21(3))

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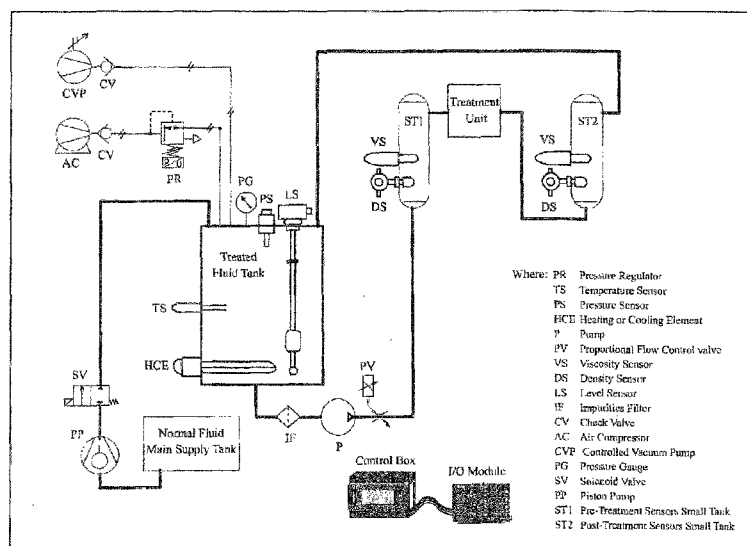
(54) **Title:** METHOD AND APPARATUS FOR INDIRECT MAGNETIC TREATMENT OF FLUIDS AND GASES

Figure 1: an exemplary production process of the directly magnetized or treated fluid/gas using inline pre-treatment and post-treatment sensors configuration.

(57) **Abstract:** There is provided a method and apparatus for indirect magnetic treatment of fluids/gases, where a magnetic or electro-magnetic field having a certain dimension, geometry and flux density is, in a first step, applied to a working fluid/gas to obtain the directly magnetized fluid/gas. Then the directly magnetized fluid/gas is used in a second step as a magnetizer or a magnetic treating agent for magnetizing indirectly the normal non-magnetized fluid/gas by mixing the directly magnetized fluid/gas and normal non-magnetized fluid/gas in accordance with a predetermined mixing ratio and mixing method between the directly magnetized fluid/gas and normal non-magnetized working fluid/gas. Afterwards, the resultant mixed or indirectly-magnetized fluid/gas is used in the proper application directly or stored in a storage tank for later use. Possible applications for the invention include, but not limited to, all previous applications of the direct magnetic treatment of fluid/gas such as water treatment, hydrocarbon fuel treatment.



— *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:
10 January 2013