



(51) International Patent Classification:

E03F 7/00 (2006.01) *G08B 29/04* (2006.01)
G08B 21/12 (2006.01) *E03F 5/04* (2006.01)

(21) International Application Number:

PCT/EP2013/051552

(22) International Filing Date:

28 January 2013 (28.01.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

12153111.5 30 January 2012 (30.01.2012)

EP

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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, 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, 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, ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: SYSTEM, METHOD AND USE FOR MONITORING AN ENVIRONMENTAL CONDITION IN A STORM DRAIN

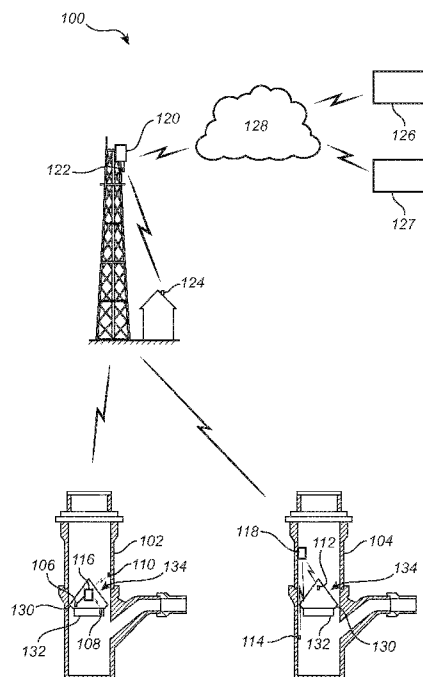


Fig. 1

(57) Abstract: The present invention relates to a system (100) for monitoring an environmental condition in a storm drain (102, 104), the system comprising: A storm drain (102, 104), containing a filter device (134) comprising a filter unit (130) and a floating carrier (132) for carrying the filter unit (130). At least one sensor (106, 108, 110, 112, 114) arranged in the storm drain (102, 104), for determining an environmental condition in the storm drain (102, 104). Wherein the at least one sensor (106, 108, 110, 112, 114) being arranged in communication with a sub node (116, 118) for transmitting data regarding the determined environmental condition in the storm drain (102, 104) to the sub node (116, 118). Wherein the sub node (116, 118) being arranged in communication with a main node (120) for transmitting data regarding the determined environmental condition in the storm drain (102, 104) to the main node (120). Wherein the main node (120) being arranged to process the data received in order to monitor the environmental condition in the storm drain (102, 104). The invention also relates to a method (200) for monitoring an environmental condition in a storm drain (102, 104), and a use of the system (100).