

Title (en)

System, method and use for monitoring an environmental condition in a storm drain

Title (de)

System, Verfahren und Verwendung zur Überwachung einer Umgebungsbedingung eines Straßenablaufs

Title (fr)

Système, procédé et utilisation pour surveiller les conditions environnementales dans un collecteur d'eaux pluviales

Publication

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Application

**EP 13152840 A 20130128**

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Abstract (en)

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).

IPC 8 full level

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Citation (search report)

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