

Title (en)

Monitoring the level of microbiological activity of a fluid system

Title (de)

Überwachung der mikrobiologischen Aktivität in einem Flüssigkeitssystem

Title (fr)

Surveillance de taux d'activité dans un système de fluide

Publication

**EP 0773298 A1 19970514 (EN)**

Application

**EP 96308002 A 19961105**

Priority

US 55616095 A 19951109

Abstract (en)

The present invention is a method for monitoring the level of microbiological activity of a fluid system which comprises the following steps. (Step a) Adding to the system a known amount of at least one bioreactive reagent of from about 10 ppb to about 100 ppm. The bioreactive reagent is added at a level to provide a system having a concentration of the bioreactive reagent at or greater than minimum detection concentration for such a bioreactive reagent in the system. (Step b) The concentration of the bioreactive reagent is continuously measured by any known means. (Step c) The concentration of bioreactive reagent present as measured in (Step b) is subtracted from the concentration of bioreactive reagent added in (Step a). The difference is used to calculate the level of consumption of the bioreactive reagent. (Step d) The level of microbiological activity in the fluid system is calculated using the level of consumption of the bioreactive reagent. <IMAGE>

IPC 1-7

**C12Q 1/06**; **C23F 11/14**; **G01N 33/18**

IPC 8 full level

**C23F 11/14** (2006.01); **G01N 33/18** (2006.01)

CPC (source: EP)

**C23F 11/149** (2013.01)

Citation (applicant)

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