

Publication

**EP 0886812 A4 19981230**

Application

**EP 96920106 A 19960418**

Priority

- US 9605380 W 19960418
- US 42329395 A 19950418

Abstract (en)

[origin: WO9633451A1] A system (10) for injecting chemicals, e.g. odorants, from a chemical supply into a conduit or container (60) including three primary components, a pump (30) for injecting the odorant, a metering device (32) and a programmable controller (40). The controller (40) is preferably powered by a solar panel (12) to facilitate use of the system (10) in remote areas for long periods of time. A removable data carrier (84), such as a memory module, is connected to the controller (40) to collect odorant system (10) event data. The data carrier (84) is removable from the controller (40) and the data therein may be downloaded into an auxiliary audit computer (80) for generation of summary audit reports. The system (10) precisely monitors how much odorant is used per pump stroke and insures that the odorant injection rate remains constant irrespective of the environmental or equipment variations which might otherwise cause inaccuracies in the measurement of odorant usage data and/or the fluctuations of the odorant injection rate.

IPC 1-7

**G05D 11/02**

IPC 8 full level

**G05D 11/13** (2006.01)

CPC (source: EP)

**G05D 11/131** (2013.01); **G05D 11/132** (2013.01)

Citation (search report)

- [X] WO 9500892 A1 19950105 - Y Z IND INC [US]
- See references of WO 9633451A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9633451 A1 19961024**; EP 0886812 A1 19981230; EP 0886812 A4 19981230

DOCDB simple family (application)

**US 9605380 W 19960418**; EP 96920106 A 19960418