

Title (en)
CHEMICAL INJECTION SYSTEM

Title (de)
VORRICHTUNG ZUR CHEMIKALIENEINSPRITZUNG

Title (fr)
DISPOSITIF D'INJECTION DE PRODUITS CHIMIQUES

Publication
EP 0886812 A1 19981230 (EN)

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.

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G05D 11/02; G06F 19/00; G05D 11/13

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