

Title (en)
SELF-CONTAINED INJECTION SYSTEM.

Title (de)
UNABHÄNGIGES INJEKTIONSSYSTEM.

Title (fr)
SYSTEME D'INJECTION AUTONOME.

Publication
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Application
EP 79901050 A 19800729

Priority
• EP 79901050 A 19800729
• US 7900013 W 19790112

Abstract (en)
[origin: WO8001459A1] Method of and apparatus for injecting fluid into a patient from a chamber (148) carrying the fluid with an outlet (175) connecting the fluid to the patient and with a piston (146) in the chamber movable toward the outlet to force the fluid into the patient using a driving means (20) to move the piston only a prescribed distance toward the outlet each time the driving means is operated regardless of the length of time the driving means is operated by alternately operating and stopping the operation of the driving means to cause the fluid to be injected at the average prescribed rate over the sum of the times the driving means is operated and not operated so that, in the event of a malfunction which continuously operates the driving means, the piston will be moved only the prescribed distance toward the outlet to prevent overdosing the patient. Also disclosed is a subcutaneous injection needle assembly (610).

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IPC 8 full level
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