

[54] MANUALLY ACTUATED, IMPLANTABLE DEVICE TO SEQUENTIALLY FEED DOSES OF A SUBSTANCE, IN PARTICULAR A THERAPEUTANT

[56] References Cited

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[57] ABSTRACT

The invention concerns a sequential and manually actuated feed device for implantation in an accessible subcutaneous region of a patient for the purpose of sequentially dosing a liquid, in particular a therapeutant. This device comprises a reservoir consisting of a flexible pouch, a filling site (2) located at the rim of said pouch in order to inject the liquid into it, and a manual pump (3) located in the opposite zone of the pouch in order to supply the liquid dose by dose to a catheter (20). The pump has a rigid case with a recess and bearing an expulsion membrane so as to bound a volume chamber; safety means prevent any accidental injection in the event of a spurious pressure exerted on the flexible pouch.

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21 Claims, 9 Drawing Figures

