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(57) Abstract :

The present invention relates to the field of drug delivery devices and in particular to injection devices designed and intended for regular and long-term self-medication. The electronic module for drug delivery device includes a set of sensors configured sense the data and to detect signals generated in response to a measurable operation of the medication delivery module provided within the associated medication delivery device, a data acquisition and interpretation module to generating electronic data by processing, using the control element, electronic information derived from the detected signals, the electronic data comprising information about a medication delivery characteristic of at least one measurable operation of the medication delivery module, a memory configured to store electronic data, processing unit configured to determine at least one of a dosing related parameter or a dispensing related status of the drug delivery device based on a time delay between receiving the first electrical signal and the second electrical signal, a communication module for transmitting the data and the requested information to the drug delivery device, a display configured to output a user interface (UI) accompanied with the electronic data, and power supplying module configured to supply power to the electronic module for drug delivery device.

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