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(54) **DRUG DELIVERY DEVICE WITH
ELECTRONICS AND POWER
MANAGEMENT**

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CPC **A61M 15/008** (2014.02); **A61M 15/009**
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(57) **ABSTRACT**

A system may limit the number of times an inhalation device
transmits inhalation data to a single time to reduce the
battery usage of the inhalation device. The system may
include an inhalation device that has medicament and an
electronics module. The system may limit the number of
times the inhalation device transmits new inhalation data to
any mobile device to a single time by causing the server to
receive the new inhalation data from one of the mobile
devices and causing the server to transmit the new inhalation
data to other of the mobile devices prior to the other mobile
devices transmitting a request for the new inhalation data to
the inhalation device. The inhalation device may include a
Quick Response (QR) code, and a mobile application may
determine at least one of a medication type or a number of
doses of the inhalation device from the QR code.

24 Claims, 6 Drawing Sheets

